

Binks

*EVERYTHING FOR
SPRAY PAINTING*

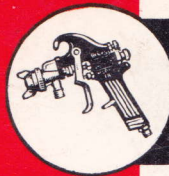


Binks Manufacturing Co.

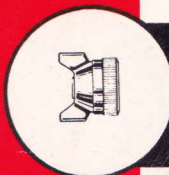
CATALOG NO.

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CHICAGO, ILLINOIS 60612



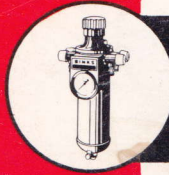
**SPRAY GUNS
EXTENSIONS AND
ATTACHMENTS**



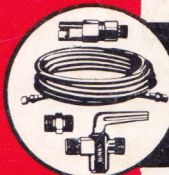
NOZZLE CHARTS



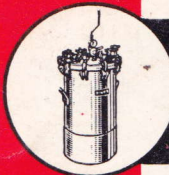
**CUPS—
PRESSURE AND
SIPHON**



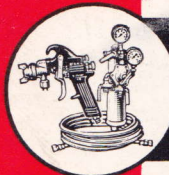
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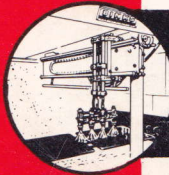
**HOSE, HOSE CONNECTIONS
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NIPPLES AND VALVES**



**AGITATOR UNITS,
PRESSURE FLUID TANKS
AND ACCESSORIES**

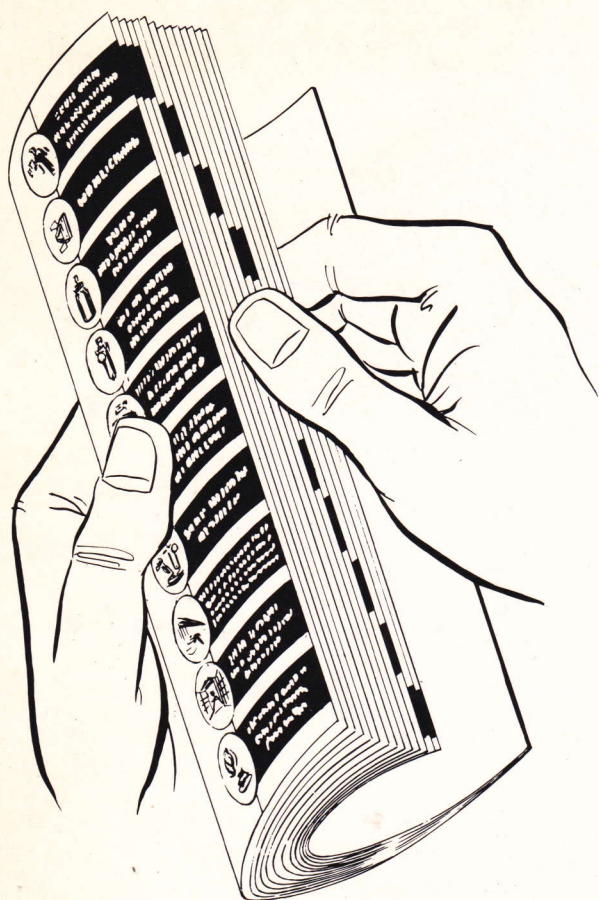


**SPRAY PAINTING OUTFITS
COMPRESSORS AND
FLUID HANDLING PUMPS**



**AUTOMATIC SPINDLE AND
RECIPROCATING PAINTING
MACHINES, COOLING TOWERS
AND INDUSTRIAL NOZZLES**

HOW TO USE THE NEW BINKS CATALOG



You'll find your new BINKS catalog an easy and quick reference for finding the equipment you may need to make your spraying jobs easier and more efficient.

Notice the narrow black panels on the edges of the front cover listing the many groups of equipment which you will find described inside.

As you hold the catalog in your left hand (as illustrated), you will notice that there are many black panels on the inside pages corresponding to those on the front cover.

Place your thumb to the right of the black cover panel which lists the general heading you are looking for. The corresponding black edges of the panels on the inside pages will immediately direct you to that section, and in a few seconds you will find just the item you need.

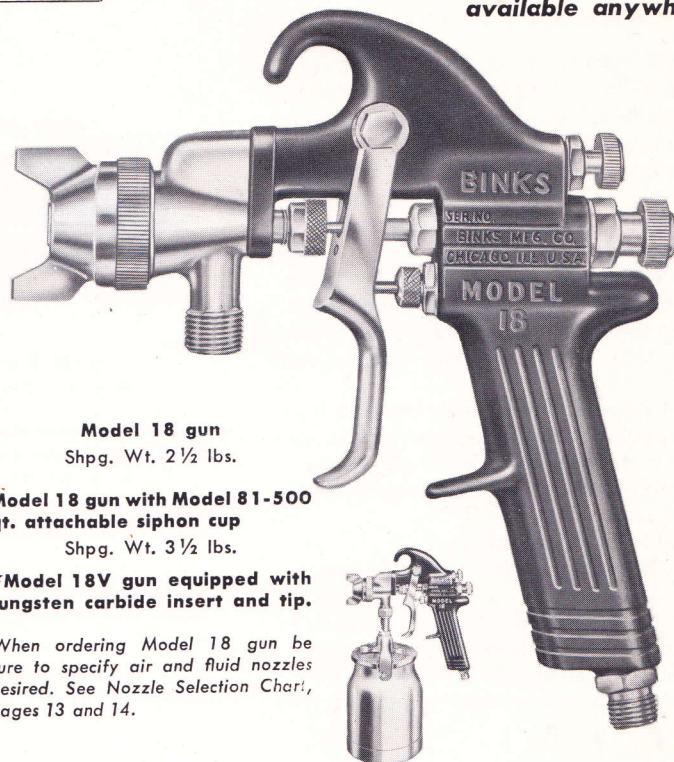
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HEAVY DUTY PRODUCTION SPRAY GUNS

BINKS MODEL 18 SPRAY GUN

- **Gun body**, drop forged aluminum, aluminite treated for surface protection.
- **Gun head**, drop forged bronze, heavily plated.
- **Needle valve**, floating type, hardened stainless steel or with tungsten carbide tip*, needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Air valve**, stainless steel, cartridge type.
- **Trigger** has hardened steel plate and bronze bushings to withstand wear.
- **Retainer ring** does not have to hold air. No leakage.
- **Fluid needle** spring self-contained, cannot pop out.
- **Controls** at back of gun.
- **Air passage**, large, reducing pressure loss to minimum.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 1/4 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.



Model 18 gun

Shpg. Wt. 2 1/2 lbs.

Model 18 gun with Model 81-500 qt. attachable siphon cup

Shpg. Wt. 3 1/2 lbs.

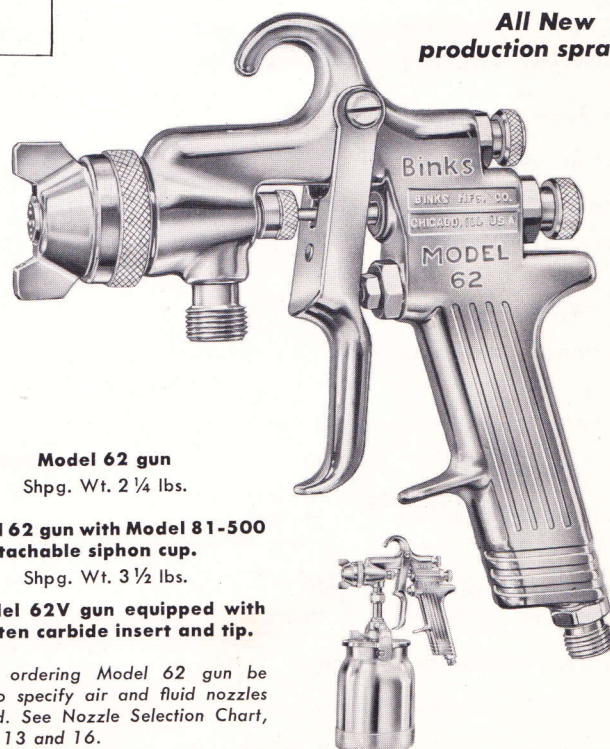
***Model 18V gun equipped with tungsten carbide insert and tip.**

When ordering Model 18 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 14.

The finest spray gun available anywhere

BINKS MODEL 62 SPRAY GUN

- **Gun body**, drop forged aluminum. Plated for surface protection.
- **Gun head**, inserted stainless steel.
- **Needle Valve**, floating type, hardened stainless steel or with tungsten carbide tip*, needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Air valve**, stainless steel, cartridge type.
- **Trigger**, drop forged aluminum. Hardened steel plate to withstand wear.
- **Retainer ring** does not have to hold air. No leakage.
- **Controls** at back of gun.
- **Fluid passage** is all stainless steel.
- **Air passage** extra large, reducing pressure loss to minimum.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 1/4 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.



Model 62 gun

Shpg. Wt. 2 1/4 lbs.

Model 62 gun with Model 81-500 qt. attachable siphon cup.

Shpg. Wt. 3 1/2 lbs.

***Model 62V gun equipped with tungsten carbide insert and tip.**

When ordering Model 62 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 16.

All New production spray gun



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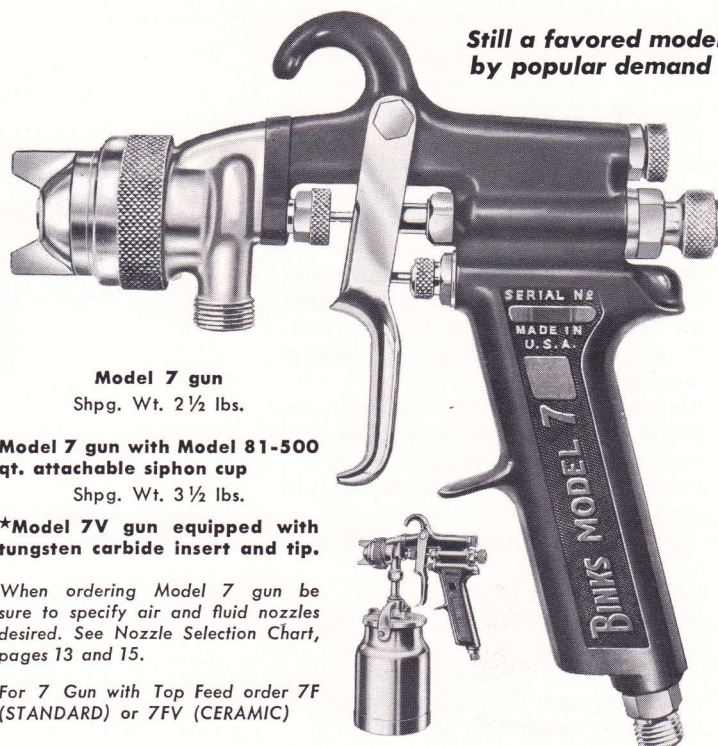
Catalog Page

1

STANDARD PRODUCTION SPRAY GUNS

BINKS MODEL 7 SPRAY GUN

- **Gun body** drop forged aluminum, aluminite treated for surface protection.
- **Gun head**, drop forged bronze, heavily plated.
- **Needle valve**, floating type, hardened steel, stainless steel or with tungsten carbide tip,* needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel, or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Air valve**, stainless steel cartridge type.
- **Trigger** has hardened steel plate and bronze bushings to withstand wear.
- **Fluid needle** spring self-contained, cannot pop out.
- **Controls** at back of gun.
- **Air passage** large, reducing pressure loss to minimum.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 1/4 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.



*Still a favored model
by popular demand*

Model 7 gun

Shpg. Wt. 2 1/2 lbs.

**Model 7 gun with Model 81-500
qt. attachable siphon cup**

Shpg. Wt. 3 1/2 lbs.

***Model 7V gun equipped with
tungsten carbide insert and tip.**

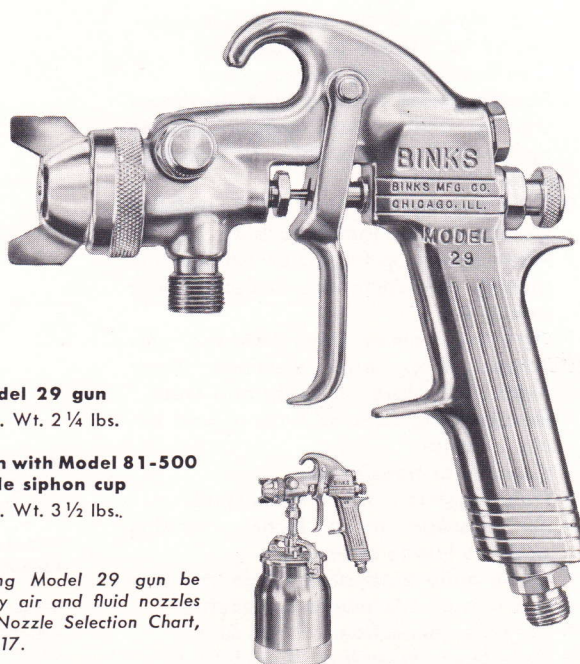
When ordering Model 7 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 15.

For 7 Gun with Top Feed order 7F (STANDARD) or 7FV (CERAMIC)

A newly designed low cost lightweight gun, incorporating heavy-duty features.

- **Gun body**, aluminum.
- **Fluid passage**, brass.
- **Needle valve**, hardened steel or stainless steel, needle adjustable to compensate for wear.
- **Air nozzle**, drop forged bronze.
- **Fluid nozzle**, hardened steel or stainless steel.
- **Air valve**, cartridge type.
- **Fluid control** at back of gun.
- **Retainer ring** does not have to hold air. No leakage.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 1/4 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.

BINKS MODEL 29 SPRAY GUN



Model 29 gun

Shpg. Wt. 2 1/4 lbs.

**Model 29 gun with Model 81-500
qt. attachable siphon cup**

Shpg. Wt. 3 1/2 lbs.

When ordering Model 29 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 17.

TOUCH-UP SPRAY GUNS

BINKS MODEL 26 SPRAY GUN



Model 26 gun
Shpg. Wt. 2 lbs.

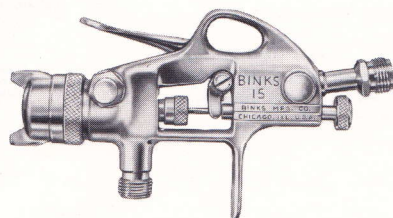
**Model 26 gun with Model 81-500
qt. attachable siphon cup**
Shpg. Wt. 3 lbs.

When ordering Model 26 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 18.

A small, lightweight production gun well suited to women operators. Excellent for touch-up work.

- **Gun body**, aluminum.
- **Fluid passage**, brass.
- **Needle valve**, hardened steel or stainless steel, needle adjustable to compensate for wear.
- **Air nozzle**, drop forged bronze.
- **Fluid nozzle**, hardened steel or stainless steel.
- **Air valve**, cartridge type.
- **Fluid control** at back of gun.
- **Retainer ring** does not have to hold air. No leakage.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 1/4 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.

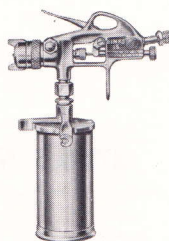
BINKS MODEL 15 SPRAY GUN



Model 15 gun
Shpg. Wt. 1 1/2 lbs.

**Model 15 gun with Model 81-540
8 oz. attachable siphon cup**
Shpg. Wt. 3 lbs.

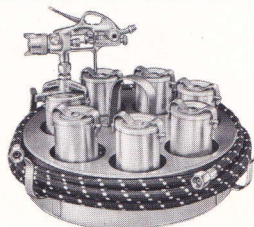
When ordering Model 15 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 18.



Lightweight gun with convenient overhead trigger for touch-up and shading.

- **Gun body**, one piece, aluminum. Plated for surface protection.
- **Gun head**, inserted drop forged bronze.
- **Needle valve**, hardened steel or stainless steel, needle adjustable to compensate for wear.
- **Air nozzle**, bronze, self-centering, tapered seat principle.
- **Retainer ring** does not have to hold air. No leakage.
- **Fluid nozzle**, hardened steel or stainless steel.
- **Overhead trigger**, curved to fit index finger. Gentle pressure operates it.
- **Fluid control** at back of gun.
- **Spray pattern** adjustable from round to fan with all intermediate patterns.
- **Air and fluid connections**, 1/4 inch St. P.

BINKS TOUCH-UP OUTFITS



6-41 Touch-Up Outfit with six metal cups
6-42 Touch-Up Outfit with six glass jars
Shpg. Wt. 10 lbs.

Complete touch-up and shading outfits.

Used in paint and refinishing shops for light spray work, shading and retouching in various colors. Cups and jars are provided with seal-tight covers, eliminating the necessity for mixing colors frequently.

Model 6-41 Consists of

- 1—Model 15 Gun
- 1—81-540 Siphon Cup
- 6—U-444 8 oz. Cups
- 6—U-32 Seal Tight Covers
- 1—U-474 Carrying Rack
- 1—15' Length of H-101 Hose with Connections

Model 6-42 Consists of

- 1—Model 15 Gun
- 1—81-580 Siphon Cup
- 6—81-7 8 oz. Glass Jars
- 6—81-5 Seal Tight Covers
- 1—U-474 Carrying Rack
- 1—15' Length of H-101 Hose with Connections



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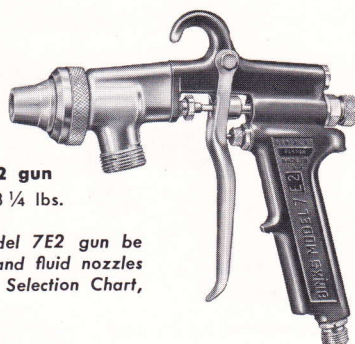
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HEAVY FLUIDS SPRAY GUNS

Heavy duty production spray gun for applying asphalt compounds and other heavy fluids.

- Basically the same as Model 7 gun (see page 2) but with larger head.
- **Four-finger trigger.**
- For use with pressure tank or fluid pump only.
- **Air hose connection,** $\frac{3}{8}$ inch St. P.
- **Fluid hose connection,** $\frac{3}{4}$ inch St. P.

BINKS MODEL 7E2 SPRAY GUN



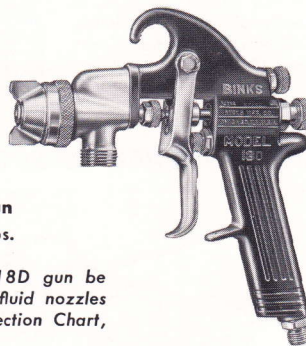
Model 7E2 gun
Shpg. Wt. $3\frac{1}{4}$ lbs.

When ordering Model 7E2 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 19.

BINKS MODEL 18D SPRAY GUN

Heavy duty production spray gun for applying medium heavy fluids.

- Basically the same as Model 18 gun (see page 1) but with larger head.
- For use with pressure tank or fluid pump only.
- **Air hose connection,** $\frac{1}{4}$ inch St. P.
- **Fluid hose connection,** $\frac{1}{2}$ inch St. P.



Model 18D gun
Shpg. Wt. 3 lbs.

When ordering Model 18D gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 19.

LIGHTWEIGHT SPRAY GUNS

A low cost internal atomizing pressure feed gun.

- **Gun and cup cover,** one-piece nickelplated aluminum construction.
- **Bleeder type gun**—no air valve.
- **Cup** is seamless aluminum, one-quart capacity, screw-type.
- **Fan spray nozzle** supplied with gun. Round spray and slotted angle nozzles available.
- **Can be converted** to pressure tank use without special tools. See parts sheet 1206 for instructions.
- **For use with compressors** as small as $\frac{1}{4}$ H.P. or from regulated air lines where the pressure does not exceed 40 lbs.
- **Air hose connection,** $\frac{1}{4}$ inch St. P.
- **Fluid hose connection,** $\frac{3}{8}$ inch St. P.

BINKS MODEL 8 SPRAY GUN

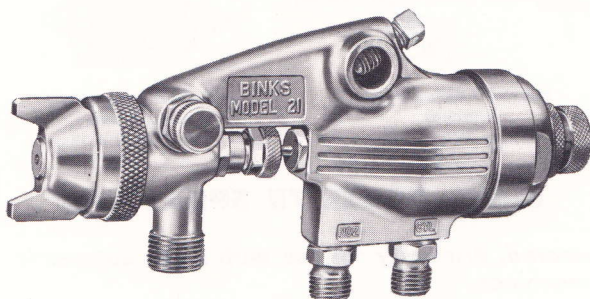


Model 8 gun
Shpg. Wt. 2 lbs.

- **Fan Spray Nozzle**—Order R-131-R8 (1.9 C.F.M. at 50 lbs.)
- **Round Spray Nozzle**—Order R-131-R9 (1.3 C.F.M. at 50 lbs.)
- **Slotted Angle Nozzle**—Order R-131-R10 45° angle for floor and ceiling spraying. (1.3 C.F.M. at 50 lbs.)

AUTOMATIC SPRAY GUNS

BINKS MODEL 21 SPRAY GUN



Model 21 gun
Shpg. Wt. 3 lbs.

*Model 21V gun equipped with tungsten carbide insert and tip.
When ordering Model 21 gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 20.

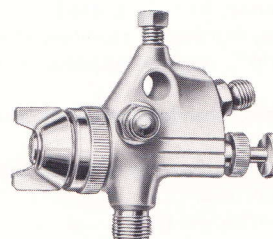
Heavy duty pneumatically operated spray gun.

- **Gun body**, drop forged bronze, heavily plated.
- **Needle valve**, hardened stainless steel or with tungsten carbide tip*, needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Retainer ring**, does not have to hold air. No leakage.
- **Air passage**, large, reducing pressure loss to minimum.
- **Spray pattern**, adjustable from round to fan with all intermediate patterns.
- **Gun shut on and off by 3-way valve**. (See illustrations, lower part of page.) Air turned on before fluid, eliminating spitting or dripping. Fluid turned off before air.
- **Speed**: As high as 250 operations per minute.
- **Atomizing air connection**, 1/4 inch St. P.
- **Fluid connection**, 3/8 inch St. P.
- **Cylinder air connection**, 1/4 inch St. P.
- **Mounting hole**, 1/2 inch diameter.

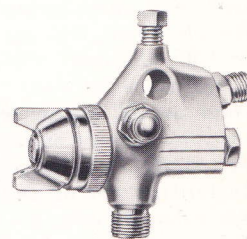
BINKS MODELS 21A AND 21B SPRAY GUNS

Both models for continuous operation with automatic handling device.

- **Flow of air through guns** should be controlled by cam or manually operated valves.
- **Spray pattern**, adjustable from round to fan with all intermediate patterns.
- **Model 21A has a needle valve** which is always open. If pressed gently, this valve will clear particles from the fluid nozzle.
- **Model 21B has no needle valve**.
- **Models 21AV and 21BV fluid nozzles** equipped with tungsten carbide insert and tip.
- **Atomizing air connections**, 1/4 inch St. P.
- **Fluid connections**, 3/8 inch St. P.
- **Mounting holes**, 1/2 inch diameter.



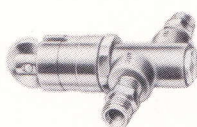
Model 21A
Shpg. Wt. 2 lbs.



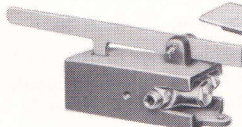
Model 21B
Shpg. Wt. 2 lbs.

When ordering Model 21A or Model 21B guns be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 20.

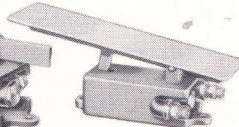
BINKS MODEL 21 GUN ACCESSORIES



Cam control
Shpg. Wt. 2 lbs.



Hand control
Shpg. Wt. 4 lbs.



Foot control
Shpg. Wt. 4 lbs.

No. of guns	CAM	HAND	FOOT
1	NG-350	NG-467	NG-475
2	NG-460	NG-468	NG-476
3	NG-461	NG-469	NG-477
4	NG-462	NG-470	NG-478
5	NG-463	NG-471	NG-479
6	NG-464	NG-472	NG-480
7	NG-465	NG-473	NG-481
8	NG-466	NG-474	NG-482

Three-way valves for mechanical operation.

- Where the Model 21 spray guns are to be operated by a cam or mechanical trip, the NG-series valves should be used as they will start or stop as many as eight guns simultaneously. See chart at left.
- All connections 1/4 inch St. P.

← HOW TO USE THIS CHART: Determine the number of guns to be controlled and find that number under "No. of guns." Read across to the NG-series number under the name of the control you choose. For example, six guns can be cam-controlled by NG-464.

See next page for other accessories.



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Catalog Page

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AUTOMATIC SPRAY GUNS

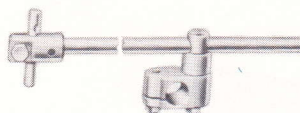
- **NG-380 bracket**, designed for use with spray gun models 21, 21A and 21B.

Makes it possible to adjust gun to any desired position.

Bracket arm 18 inches long. Opening in bracket clamp one inch in diameter.

- **NG-387 valve**, three-way slide valve for operating model 21 gun.

21 GUN ACCESSORIES, (Cont'd)



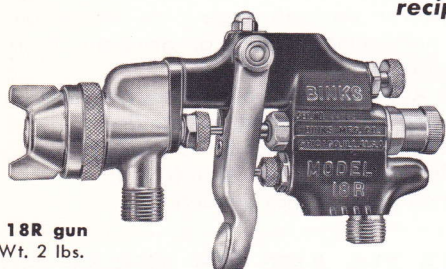
NG-380 adjustable bracket
Shpg. Wt. 5 lbs.



NG-387 three-way slide valve
Shpg. Wt. 2 1/2 lbs.

BINKS MODEL 18R SPRAY GUN

Heavy duty automatic spray guns, mechanically operated. Primarily for use with Binks automatic reciprocating machines.

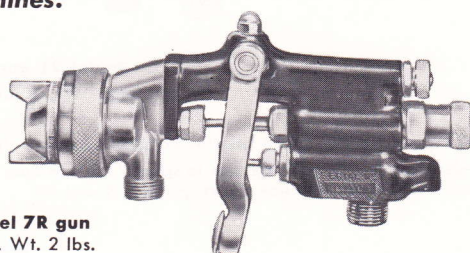


Model 18R gun
Shpg. Wt. 2 lbs.

- **Gun body**, drop forged aluminum, aluminite treated for surface protection.
- **Gun head**, drop forged bronze, heavily plated.
- **Needle valve**, floating type, hardened stainless steel or with tungsten carbide tip*, needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Air valve**, stainless steel, cartridge type.
- **Trigger**, mechanically operated. Has hardened steel button and plate and bronze bushings to withstand wear.
- **Retainer ring** does not have to hold air. No leakage.
- **Fluid needle spring**, self-contained, cannot pop out.
- **Air passage**, large, reducing pressure loss to minimum.
- **Spray pattern**, adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 3/8 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.

*Model 18RV gun equipped with tungsten carbide insert and tip.
When ordering Model 18R gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 14.

BINKS MODEL 7R SPRAY GUN



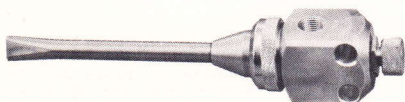
Model 7R gun
Shpg. Wt. 2 lbs.

- **Gun body**, drop forged aluminum, aluminite treated for surface protection.
- **Gun head**, drop forged bronze, heavily plated.
- **Needle valve**, floating type, hardened steel, stainless steel or with tungsten carbide tip*, needle adjustable to compensate for wear.
- **Fluid nozzle**, hardened steel, stainless steel or with tungsten carbide insert.*
- **Air nozzle**, drop forged bronze, heavily plated, self-centering, tapered seat principle.
- **Air valve**, stainless steel, cartridge type.
- **Trigger**, mechanically operated. Has hardened steel button and plate and bronze bushings to withstand wear.
- **Fluid needle spring**, self-contained, cannot pop out.
- **Air passage**, large, reducing pressure loss to minimum.
- **Spray pattern**, adjustable from round to fan with all intermediate patterns.
- **Air hose connection**, 3/8 inch St. P.
- **Fluid hose connection**, 3/8 inch St. P.

*Model 7RV gun equipped with tungsten carbide insert and tip.
When ordering Model 7R gun be sure to specify air and fluid nozzles desired. See Nozzle Selection Chart, pages 13 and 15.

BINKS MODEL 162 GEAR SPRAY GUN

Model 162 gun
Shpg. Wt. 3 lbs.



- Model 162 gear spray gun with adjustable needle for controlling amount of fluid.
- Model 162A gear spray gun without needle valve control. To be used with metering valves.

To lubricate all open or semi-enclosed gears.

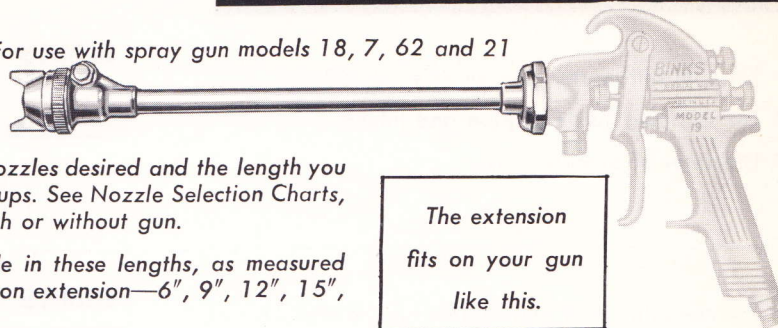
- Mount one or more in permanent position to spray lubricant on the face of gears.
- Operation can be controlled by hand-operated valves, or by solenoid valves operated by hand or time switches.

NOZZLE EXTENSIONS

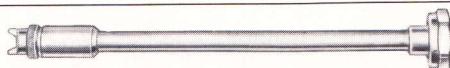
Ordering Data for Extensions *For use with spray gun models 18, 7, 62 and 21*

When ordering extensions be sure to specify model of gun and model of extension, air and fluid nozzles desired and the length you wish. Should not be used with siphon paint cups. See Nozzle Selection Charts, pages 13, 19 and 20. Can be ordered with or without gun.

All models shown on this page are available in these lengths, as measured from fluid inlet on gun to tip of fluid nozzle on extension—6", 9", 12", 15", 18", 24", 30", 36", 48", 60", 72", 84".



BINKS MODEL EAX—STRAIGHT



- To spray surfaces at distance or location not otherwise accessible.
- Spray pattern not adjustable.
- Minimum diameter of opening into which extension can be inserted $\frac{7}{8}$ ".

BINKS MODEL ENX—45° ANGLE



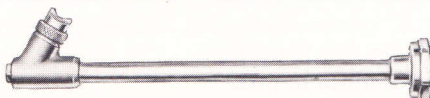
- Use when spray must be at 45° angle.
- Spray pattern not adjustable.
- Spray head may be turned in any direction.
- Minimum diameter of opening into which extension can be inserted $1\frac{3}{4}$ ".

BINKS MODEL EBX—90° ANGLE



- Use when spray must be at 90° angle.
- Spray pattern not adjustable.
- Spray head may be turned in any direction.
- Minimum diameter of opening into which extension can be inserted $1\frac{7}{8}$ ".

BINKS MODEL ERX—30° REVERSE



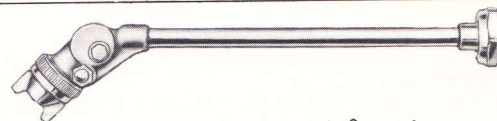
- Use when object to be sprayed requires reverse angle of spray.
- Spray pattern not adjustable.
- Spray head may be turned in any direction.
- Minimum diameter of opening into which extension can be inserted $1\frac{7}{8}$ ".

BINKS MODEL EA—STRAIGHT



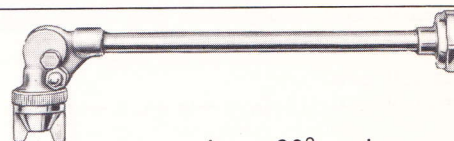
- To spray surfaces at distance or in location not otherwise accessible.
- Spray pattern adjustable from round to fan with all intermediate patterns.
- Minimum diameter of opening into which extension can be inserted $1\frac{3}{4}$ ".

BINKS MODEL EN—45° ANGLE



- Use when spray must be at 45° angle.
- Spray head may be turned in any direction.
- Spray pattern adjustable from round to fan with all intermediate patterns.
- Minimum diameter of opening into which extension can be inserted $2\frac{1}{2}$ ".

BINKS MODEL EB—90° ANGLE



- Use when spray must be at 90° angle.
- Spray head may be turned in any direction.
- Spray pattern adjustable from round to fan with all intermediate patterns.
- Minimum diameter of opening into which extension can be inserted 3".

BINKS MODEL C—360° CIRCULAR



- For spraying inside of pipe and tubing.
- Minimum diameter of opening into which extension can be inserted $\frac{3}{4}$ ".
- Nozzle tips available: 52-363, right angle spray; 52-364, reverse spray; 52-365, forward spray.

Please specify tip desired.



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NOZZLE AND GUN EXTENSIONS

- For use with spray gun models 18, 62 and 21.
- For spraying inside of pipe and tubing.
- Diameter of extension $\frac{3}{8}$ ".

BINKS MODEL SC — 360° CIRCULAR



Available lengths: 9", 12", 15", 18",
21", 27", 33", 39", 51", 63", 75", 87".

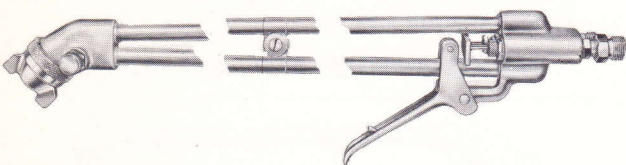
- For use with spray gun models 18, 62 and 21.
- For spraying surfaces at distance or location not otherwise accessible.
- Diameter of extension $\frac{7}{16}$ ".

BINKS MODEL SA — STRAIGHT CONE



Available lengths: 6", 9", 12", 15",
18", 24", 30", 36", 48", 60", 72", 84".

BINKS MODEL 24 POLE GUN



Model 24 pole gun

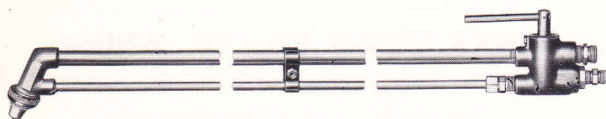
Shpg. Wts.: 4'—15 lbs. 6'—20 lbs. 8'—25 lbs. 10'—30 lbs.

Self-contained extension gun

- For applying fluids to areas outside normal reach or to roofs, floors, railroad ties, etc.
- Air and fluid shut-off at handle.
- Four lengths available:
4'—model 52-923 6'—model 52-924
8'—model 52-925 10'—model 52-926

See Nozzle Selection Chart, pages 13 and 20.

BINKS MODEL 125 POLE GUN



Model 125 pole gun

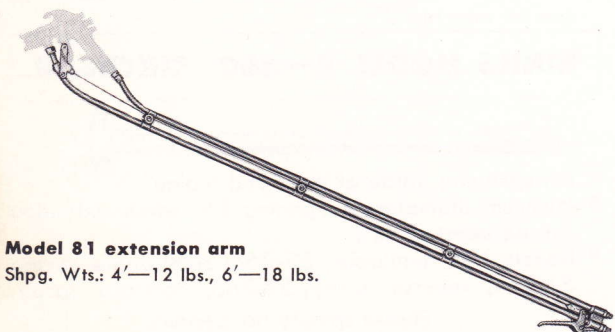
Shpg. Wts.: 4'—12 lbs.; 6'—14 lbs.; 8'—16 lbs.

Self-contained extension gun

- One handle control valve—controls both air and fluid.
- Space support bracket—added rigidity where needed, and easier handling.
- New gun head—reduces restriction in material flow, and permits the use of many new nozzle combinations.
- Three lengths available: 4'—model 52-2012
6'—model 52-2011 8'—model 52-2010

See Nozzle Selection Chart, pages 13 and 19.

BINKS MODEL 81 EXTENSION ARM



Model 81 extension arm

Shpg. Wts.: 4'—12 lbs., 6'—18 lbs.

Lightweight, well-balanced extension for spraying ceilings, walls, roofs and similar surfaces beyond ordinary reach.

- Use only with spray gun models 18, 7 and 62*.
- Gun is remote-controlled by trigger at base of extension. See illustration.
- Easy to attach to gun.
- Air hose connection $\frac{1}{4}$ inch St.P.
- Fluid hose connection $\frac{3}{8}$ inch St.P.
- Two lengths available:
4'—model NG-296 6'—model NG-297

Be sure to specify model required.

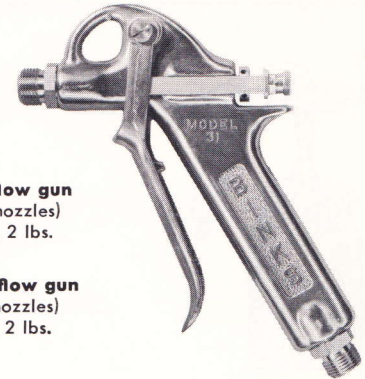
*Adapter AZ-131—Required to attach extension to model 62 gun.

SPECIAL PURPOSE GUNS

BINKS MODEL 31 FLOW GUN

- Uses no atomizing air but flows material on under hydraulic pressure.
- Lightweight, simple in design. Easy to clean and repair.
- Shut-off at nozzle base.
- Fluid connection $\frac{3}{8}$ inch St. P.
- Three sizes nozzle connections: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", all Straight pipe. Be sure to specify size desired.
- See nozzle chart below. (Nozzles not included.)
- 31V for use with ceramic materials. Equipped with seat and needle to resist wear.

To flow sealing compounds such as rubber cement, asphalt or similar materials or to seal gaskets, mouldings, cracks, corners and crevices.



Model 31 flow gun
(less fluid nozzles)
Shpg. Wt. 2 lbs.

Model 31V flow gun
(less fluid nozzles)
Shpg. Wt. 2 lbs.

NOZZLES	ASSEMBLY PART No.	NOZZLE No.	ORIFICE		SWIVEL NUT PART No.	SWIVEL NUT SIZE INCHES
			"A" INCHES	"B" INCHES		
 ROUND	OB-138	OB-152	$\frac{3}{64}$	...	SC- 93	$\frac{1}{4}$
	OB-139	OB-154	$\frac{1}{16}$	...	SC- 93	$\frac{1}{4}$
	OB-140	OB-156	$\frac{7}{64}$	...	SC- 93	$\frac{1}{4}$
	OB-141	OB-158	$\frac{1}{8}$	...	SC- 93	$\frac{1}{4}$
	OB-280	OB-191	$\frac{3}{16}$	...	SC-337	$\frac{1}{2}$
	OB-281	OB-192	$\frac{1}{4}$	...	SC-337	$\frac{1}{2}$
	OB-282	OB-193	$\frac{3}{8}$	...	SC-337	$\frac{1}{2}$
 ROUND, FLAT EDGE	OB-142	OB-160	$\frac{1}{16}$	$\frac{5}{32}$	SC- 93	$\frac{1}{4}$
	OB-143	OB-162	$\frac{1}{8}$	$\frac{1}{4}$	SC- 93	$\frac{1}{4}$
	OB-144	OB-164	$\frac{1}{32}$	$\frac{5}{16}$	SC- 93	$\frac{1}{4}$
	OB-145	.....	$\frac{3}{32}$	$\frac{13}{32}$	.....	$\frac{1}{4}$
 FLAT	OB-186	.....	..	$\frac{3}{4}$	.....	$\frac{1}{2}$
	OB-187	.....	..	1	.....	$\frac{1}{2}$
	OB-188	.....	..	1 $\frac{1}{4}$	.....	$\frac{1}{2}$
	OB-189	.....	..	1 $\frac{1}{2}$	.....	$\frac{1}{2}$
	OB-190	.....	..	1 $\frac{3}{4}$	.....	$\frac{1}{2}$

BINKS MODEL 171 FLOCK SPRAY GUN

Rugged flocking spray gun and cup.

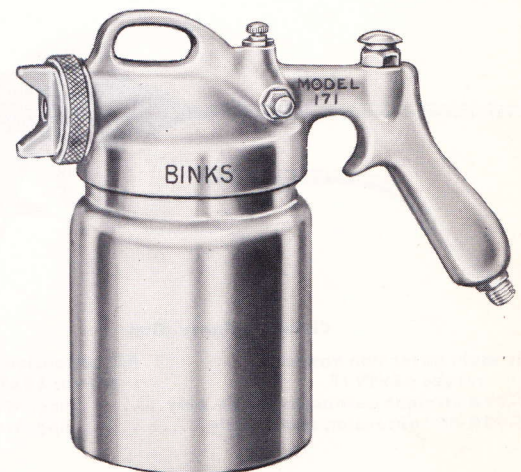
- Two cups available: one-quart and two-quart size. Both have large openings. Be sure to specify size desired.
- Air connection $\frac{1}{4}$ " St. P.
- Three control valves:
 - One controls spray pattern from round to fan.
 - One controls air for flock velocity.
 - One controls amount of flock issuing from nozzle.

Model 171 gun with qt. cup Shpg. Wt. 4 lbs.

Model 171 gun with 2-qt cup Shpg. Wt. 4 $\frac{1}{2}$ lbs.

Cups only: Model 80-3, 1-qt. capacity Shpg. Wt. 1 lb.

Model 80-4, 2-qt. capacity Shpg. Wt. 1 $\frac{1}{2}$ lbs.



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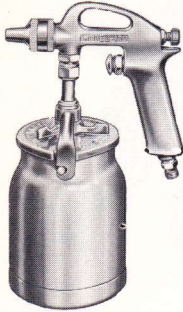
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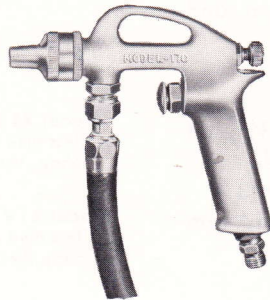
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SPECIAL PURPOSE GUNS

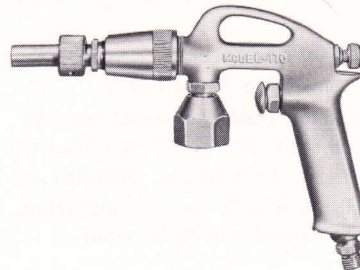
BINKS MODEL 170 GUN



**Model 170 with
81-500 cup**
Shpg. Wt. 4 lbs.



**Model 170 with
3/8" siphon hose**
Shpg. Wt. 6 lbs.



**Model 170A
car-washing gun**
Shpg. Wt. 3 lbs.

A sturdy, all-purpose model which you can adapt for diversified uses.

- Attach an 81-500 siphon cup and spray cleaning solvents and other fluids.
- Attach the 8' length of hose and spray foundry molds and all types of lubricating oils or cleaning solvents. Will siphon fluid from container on floor. Shut off fluid and use for dusting or drying.
- Attach set of 51-44 fittings and convert 170 to 170A, an excellent car-washing gun. Shut off fluid and use for blowing off.

Model 170 gun.....Shpg. Wt. 2 lbs.

Model 81-500 cup.....Shpg. Wt. 1 lb.

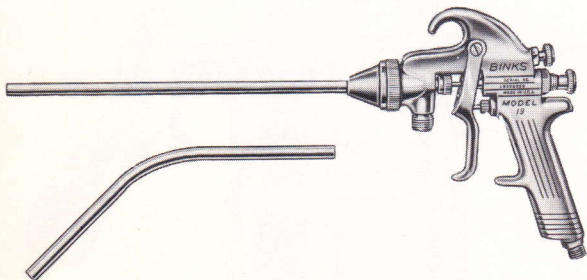
8' length H-208 fluid hose, 3/8 inch I.D., one 3/8 inch connection furnished.....Shpg. Wt. 2 lbs.

Model 170A gun.....Shpg. Wt. 3 lbs.

51-44 Fittings to convert 170 gun to 170A..Shpg. Wt. 1/2 lb.

51-45 Fittings to convert 170A gun to 170..Shpg. Wt. 1/2 lb.

BINKS CLEANING GUN



Cleaning Spray Gun

Straight extension nozzle **45° extension nozzle**
set up: 68xT928 set up: 68xT929
T-928 straight extension nozzle only.....Shpg. Wt. 1/2 lb.
T-929 45° extension nozzle only.....Shpg. Wt. 1/2 lb.

For industrial degreasing and cleaning work

- Will operate from pressure tank or gravity bucket.
- Will spray all cleaners and solvents such as varsol, kerosene, naphtha.
- Can be ordered with gun models, 18, 62, 29 and 21.
- Straight or 45° Extension, Length 10".

* **Model 18 gun with extension**.....Shpg. Wt. 3 lbs

* **Model 62 gun with extension**.....Shpg. Wt. 3 lbs.

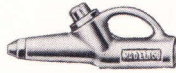
* **Model 29 gun with extension**.....Shpg. Wt. 3 lbs.

* **Model 21 gun with extension**.....Shpg. Wt. 4 lbs.

*Specify extension number

SPECIAL PURPOSE GUNS

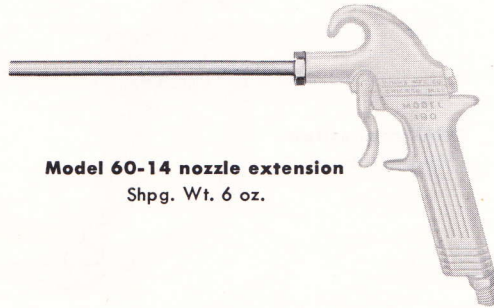
BINKS BLOW GUNS—MODELS 150 AND 190



Model 150 gun
with 1/4 inch tapered
pipe (F) opening
Shpg. Wt. 1/2 lb.



Model 190 gun
with 1/4 inch St. P.
(M) connection
Shpg. Wt. 1 lb.



Model 60-14 nozzle extension
Shpg. Wt. 6 oz.

Ideal for dusting, drying, blowing out chips, filings, dust, shavings, etc., from machines.

- Small, strong, durable, streamlined lightweight guns.
- Model 150 equipped with cartridge type non-pinch air valve which is easily removed as a unit. Has same air capacity as model 190.
- Model 190 has comfortable pistol grip and is well balanced.
- Model 60-14 nozzle extension 6" long for use with both models.

Air consumption—specify orifice desired*:

1/16" orifice	50 lbs.	3 1/2 C.F.M.
3/64" orifice	50 lbs.	5 C.F.M.
3/32" orifice	50 lbs.	8 1/2 C.F.M.

*Note: The standard orifice for model 150 is 3/64".
The standard orifice for model 190 is 1/16".

BINKS MODEL 160B OIL SPRAY GUN

For applying oil or lubricant to automotive equipment requiring finely atomized spray.

- Spray can be adjusted to light or heavy by turning nozzle.
- Two nozzles available: straight or angle. Specify nozzle desired.
- Requires 3 1/2 C.F.M. at 50 lbs.
- Air connection 1/4 inch St. P.
- Length of tube and nozzle 10 inches.
- Specify 57-124 if straight nozzle is desired.
- Specify 57-109 if angle nozzle is desired.

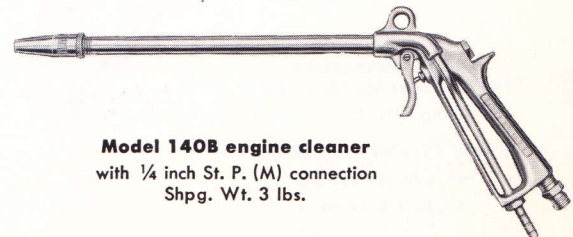


Model 160B oil spray gun
with metal cup
Shpg. Wt. 4 lbs.

BINKS MODEL 140B ENGINE CLEANER

For spraying of automotive equipment, motors, machinery and parts with cleaning solvents.

- Furnished with tubing for siphoning fluid from container.
- Requires 14 C.F.M. at 50 lbs.
- Length of tube and nozzle 10 inches.



Model 140B engine cleaner
with 1/4 inch St. P. (M) connection
Shpg. Wt. 3 lbs.

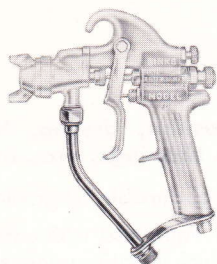


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SPECIAL GUN ATTACHMENTS



T-957 connection
Shpg. Wt. 8 oz.

BINKS BOTTOM FLUID CONNECTION

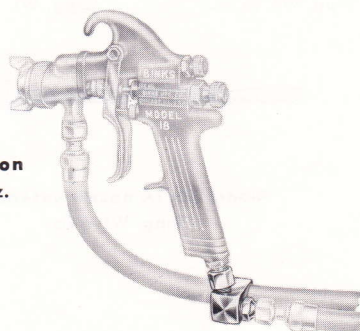
For use with spray gun models 18, 7 and 62.

- Brings air and fluid hose connections together at handle of gun.
- Gives operator better control of gun.
- Connections $\frac{3}{8}$ inch St.P.

BINKS AIR AND FLUID BOTTOM CONNECTION

For use with all Binks spray guns having bottom air connection.

- Clips $\frac{3}{8}$ " fluid hose to air connection at bottom of gun.
- Minimizes danger of hose dragging over work.
- Air hose connection $\frac{1}{4}$ inch St.P.



T-977 connection
Shpg. Wt. 10 oz.

BINKS RECIRCULATING CONNECTION

For use with spray gun models 18, 7 and 62.

- Use if fluid feed to gun is by means of paint circulating system with recirculating feature (where pigment settles rapidly) or where fluid is heated.
- Connections $\frac{3}{8}$ inch St.P.



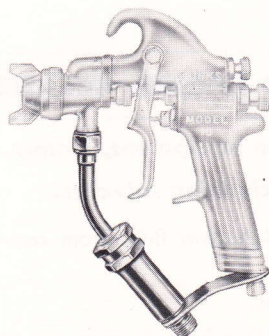
SC-250 connection
for gun models 18 and 7
Shpg. Wt. 14 oz.

Model 72-799 connection,
for gun model 62
Shpg. Wt. 14 oz.

BINKS FLUID STRAINERS

For use with spray gun models 18, 7 and 62.

- Attach to fluid inlet on gun for straining fluids as they enter.
- Connections $\frac{3}{8}$ inch St. P.
- **Strainer to fit all guns,** or to be mounted on pressure tank or fluid line.



T-988 fluid strainer, 100 mesh
T-982 fluid strainer, 150 mesh
Shpg. Wt. 1 lb.

T-987 screen only,
100 mesh
T-980 screen only,
150 mesh
Shpg. Wt. 4 oz.



T-990 fluid strainer, 100 mesh
T-981 fluid strainer, 150 mesh
Shpg. Wt. 14 oz.

NOZZLE SELECTION CHART

GENERAL INFORMATION ON SELECTING PROPER NOZZLE COMBINATIONS

When selecting the nozzle combination for a Binks Spray Gun, there are several points to be considered, namely; the material to be sprayed, the method of feeding the material to the gun and the volume of air available for the spraying operation. On the following pages, you will find recommended nozzle combinations for all Binks Guns. You will notice these charts give the user a choice of pressure or siphon feed; external or internal atomization as well as air requirements for different types of fluids which can be sprayed.

HOW TO USE THE CHARTS

Type of Fluid to be Sprayed

In this column are listed the average sprayable fluids along with a few special effect nozzles. Although the list does not include all the different types of fluid, a fluid which has the same characteristics as one of those listed will spray the same. On the other hand, if the fluid you wish to spray is not listed or does not have the same characteristics as one of those listed, contact a Binks Representative for the proper recommendation.

Fluid Nozzle

The choice of the fluid nozzle is determined by the speed of application required and the viscosity of the fluid to be sprayed. The greater the speed of application, the larger the fluid opening required—the heavier or more viscous the fluid, the larger the fluid opening required. Referring to the "Fluid Nozzle Orifice Size" Chart, those fluid nozzles which can be changed within an air nozzle are indicated. If the fluid nozzle is not listed as being interchangeable or is not shown with other types of air nozzles, the nozzle designation or prefix number of the air and fluid nozzles must be the same.

Air Nozzle

The choice of the air nozzle will be determined by the type of material to be sprayed and the volume of air available for the gun. Air nozzles are made in two general categories—External Mix and Internal Mix.

The *External Mix Nozzle*, which is generally used, may be obtained in either siphon or pressure feed, but its operation in atomizing the fluid will be the same in either case. The external mix nozzle accomplishes the atomization just as its name implies—outside of the nozzle by the action of air jets. This type of nozzle can be used on all types of fluids and the spray pattern is adjustable from round to fan with all intermediate patterns. The external mix nozzle is used for fine finishes and most production work as its spray pattern is not affected by wear or the build up of dry material.

The *siphon type external mix nozzle* will draw or siphon the material from a cup and atomize the fluid coming from the fluid nozzle. On all siphon nozzles, the letter "S" will appear after the nozzle designation and may be followed by another letter denoting its place in the series. The siphon type external mix nozzle

is generally used for refinishing, touch-up or small areas which do not require large quantities of paint.

The *pressure type external mix nozzle* requires pressure to feed the material to the nozzle. The pressure may be developed by a pressure cup, a pressure tank or any of the many types of pumps. On all pressure nozzles, the letter "P" will appear after the nozzle designation and may be followed by another letter denoting its place in the series. This type of nozzle is used for production work and where the quantity of fluid to be handled is large. The pressure type nozzle has all the advantages of a siphon type nozzle as well as accurate control and greater range of the fluid flow. Also, it is not limited to the size of the paint container as is the siphon nozzle.

The *internal mix type nozzle* accomplishes the atomization by mixing the air and fluid within the air nozzle. The spray pattern of an internal mix nozzle is determined by the shape of the nozzle and cannot be changed. The advantage of the internal nozzle is that it requires less air to operate and produces slightly less overspray. An internal mix nozzle must be used with pressure equipment and only with slow dry fluid. It should never be used with abrasive fluids. It is primarily used for maintenance spraying and for heavy materials where a fine finish is not required.

CFM Required

The cubic feet per minute (CFM) required at 50 pounds per inch pressure as listed in this column is the actual air used by the air nozzle. If the spraying pressure is increased, the volume of air required by the nozzle will increase, while a decrease in the spraying pressure will decrease the air consumption. In selecting a nozzle, be certain that the volume of air available is sufficient to supply the gun as well as your other equipment requiring air. Remember that the pressure your compressor develops has no bearing on the volume of air required for the spray gun. As a general rule, you can assume that a compressor will produce between 3 to 5 C.F.M. per horsepower.

The volume of air used by the nozzle is the yardstick by which one may measure the speed of application as well as the degree of atomization. The greater the air consumption, the faster the fluid may be applied or the finer a given amount of fluid can be atomized.



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BINKS NOZZLE CHART

SPRAY GUN MODELS 18, 18V, 18R, 18RV

TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE†	
	FLUID NOZZLE†	AIR NOZZLE			SIZE	PART NO.
Airplane Dope	67	67PB	13.0	P	67	T-1074
Lacquers, Synthetics, Enamels, Primers	66	R	4.0	P	65	T-1074
	63C	66S	4.8	P	63A	T-1074
	63B	63PB	13.9	P	63A	T-1074
	63B	66PE	13.9	P	63A	T-1074
	66	R	4.0	S	65	T-1074
	66	66S	4.8	S	65	T-1074
	66	66SE	9.0	S	65	T-1074
	66	66SD	11.6	S	65	T-1074
	66	66SF	11.4	S	65	T-1074
	67A	67SA	10.2	S	67	T-1074
Flat Wall Paints, House and Barn Paints	65	65P	8.7	P	65	T-1074
	66	66PA	10.1	P	65	T-1074
	68	68PA	8.1	P	68	T-1074
	68	68PB	13.9	P	68	T-1074
Shellacs, Stains	63B	66PE	13.9	P	63A	T-1074
	65	63PB	13.9	P	65	T-1074
	66	66SD	11.9	S	65	T-1074
	67A	67SA	10.2	S	67	T-1074
	66	66SE	9.0	S	65	T-1074
Varnish & Wrinkles	63C	63PB	13.9	P	63A	T-1074
	65	66PE	13.9	P	65	T-1074
Asphaltum-Emulsified & Heavy Materials	68	68PB	13.9	P	68	T-1074
	69B	69P	14.3	P	56	T-1233
Asphaltum Paints, Plastic Paints	66	66PE	13.2	P	65	T-1074
	67	67PB	13.0	P	67	T-1074
Cement Paints	65	65P	8.7	P	65	T-1074
	66	66PA	10.1	P	65	T-1074
	67	67P	13.0	P	67	T-1074
Ceramic Materials	63C-VT	66PH	14.0	P	63C-VT	T-1087
	64VT	64PA	15.0	P	64VT	T-1087
	67VT	67PD	16.0	P	67VT	T-1087
	68VT	68PB	16.0	P	68VT	T-1087
Stipple or Spatter	66	66PD	3.0 @ 15 lbs.	P	65	T-1074
Veiling	794	793	3.0 @ 15 lbs.	P	792	T-703
Aluminum, Barn, Flat Wall, House, Maintenance, Mill White or Oil Paints	51	R3	3.9	I-FAN	63A	T-1074
	51	R3A	3.4	I-ROUND	63A	T-1074
	51	R15	3.9	I-FAN	63A	T-1074
	51	R16	6.9	I-FAN	63A	T-1074
	53	R19	6.5	I-FAN	67	T-1074
	53	R21	9.3	I-FAN	67	T-1074
	54	R21	7.0	I-FAN	68	T-1074
	56	R24	10.6	I-FAN	56	T-1233
Heavy Materials	56	R25	8.2	I-ROUND	56	T-1233
	57	R27	9.0	I-FAN	56	T-1233
	57	R28	9.5	I-ROUND	56	T-1233
	58	R30	12.2	I-FAN	56	T-1233
	58	R31	12.2	I-ROUND	56	T-1233

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

*P-External atomizing: for use with pressure tank or pressure cup. Spray pattern adjustable round to fan.

*S-External atomizing: for use with siphon cup or gravity bucket. Spray pattern adjustable round to fan.

*I-Internal atomizing: for use with pressure equipment only. Spray pattern fixed as specified.

† Fluid nozzle can be furnished in stainless steel. If required, specify when ordering. All needle valves are hardened stainless steel.

FLUID NOZZLE ORIFICE SIZES															
63A	63B	63C	65	66	67	67A	68	69B	51	53	54	56	57	58	63CVT
.040	.046	.052	.059	.070	.086	.086	.110	.172	.052	.086	.110	.172	.218	.281	.052
															.064
															.086
															.110

+ Air nozzles which are shown with any one of these (+) fluid nozzles can be used with all of these (+) fluid nozzles.

BINKS NOZZLE CHART

SPRAY GUN MODELS 7, 7V, 7R, 7RV

TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE†	
	FLUID NOZZLE‡	AIR NOZZLE			SIZE	PART NO.
Airplane Dope	36	33PE	13.7	P	36	T-703
Lacquers, Synthetics, Enamels, Primers	33	33PE	15.0	P	33	T-703
	33	33PR°	15.1	P	33	T-703
	33	33PM	15.1	P	33	T-703
	34	34S	4.3	S	33	T-703
	35	35SC	8.0	S	35	T-703
	36	36SD°	11.5	S	36	T-703
Asphaltum-Emulsified	41	41GB	11.9	P	41	T-703
	42	42P°	12.8	P	42	T-878
Asphaltum Paints, Plastic Paints	36	33PE	13.7	P	36	T-703
	38	38PM°	15.5	P	38	T-703
Cement Paints	35	35P	7.5	P	35	T-703
	36	36P	10.4	P	36	T-703
	38	38PM°	15.5	P	38	T-703
Flat Wall Paints, House & Barn Paints	35	35P	7.5	P	35	T-703
	36	33PE	13.7	P	36	T-703
	36	36P	10.4	P	36	T-703
	38	38PM°	15.5	P	38	T-703
Shellacs, Stains, Zinc Chromate	33	35P	7.5	P	33	T-703
	33B	33PE	15.0	P	33	T-703
	35	33PM	15.1	P	35	T-703
	35	35SC	8.0	S	35	T-703
	36	36SD°	11.5	S	36	T-703
Varnish & Wrinkles	33	35P	7.5	P	33	T-703
	33B	33PE	15.0	P	33	T-703
	35	33PM	15.1	P	35	T-703
Ceramic Materials	37VT	37PE°	13.7	P	37VT	T-703VT
	38VT	38PM°	15.5	P	38VT	T-703VT
Stipple or Spatter	36	36PC	3.0 @ 15 lbs.	P	36	T-703
Veiling	792	792	3.0 @ 15 lbs.	P	792	T-703
Aluminum, Barn, Flat Wall, House, Maintenance, Mill White, or Oil Paints	35	702	5.9	I - FAN	35	T-703
	36	703	6.5	I - FAN	36	T-703
	38	706	13.2	I - FAN	38	T-703
Heavy Materials	38	706	13.2	I - FAN	38	T-703

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

*P-External atomizing: for use with pressure tank or pressure cup. Spray pattern adjustable round to fan.

*S-External atomizing: for use with siphon cup or gravity bucket. Spray pattern adjustable round to fan.

*I-Internal atomizing: for use with pressure equipment only. Spray pattern fixed as specified.

† Fluid nozzle and needle valve can be furnished in stainless steel. If required, specify when ordering.

° Replacements supplied as an assembly with retainer ring, all others do not include retainer ring.

FLUID NOZZLE ORIFICE SIZES										
+	+	+	+							
33	33B	33D	34	35	36	38	41	42	37VT	38VT
.040	.046	.052	.052	.059	.070	.086	.110	.173	.064	.086

+ Air nozzles which are shown with any one of these (+) fluid nozzles can be used with all of these (+) fluid nozzles.



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BINKS NOZZLE CHART

SPRAY GUN MODELS 62, 62V

EXTERNAL MIX

TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE SIZE AND NUMBER
	FLUID NOZZLE†	AIR NOZZLE			
Lacquers, Synthetics, Enamels, Primers	63B	66PF	15.0	P	363A
	63C	63PJ	16.0	P	363A
	66	R	4.0	S or P	365
	63C	66S	4.8	P	363A
	63B	66PE	13.9	P	363A
	66	66S	4.8	S	365
	66	66SE	9.0	S	365
	66	66SH	12.0	S	365
	67A	67SA	10.2	S	367
Flat Wall Paints, House and Barn Paints	63C	63PG	6.0	P	363A
	65	65P	8.7	P	365
	66	66PA	10.1	P	365
	68	68PA	8.1	P	368
	68	68PB	13.9	P	368
Shellacs, Stains	63	66PE	13.9	P	363
	63B	66PE	13.9	P	363A
	66	66SF	11.4	S	365
	66	66SE	9.0	S	365
Ceramic Materials	63C-VT	66PH	14.0	P	363CVT
	64VT	64PA	15.0	P	364VT
	67VT	67PD	16.0	P	367VT
	68VT	68PB	16.0	P	368VT
Varnish and Wrinkles	63C	66PE	13.9	P	363A
	65	66PE	13.9	P	365
Asphaltum-Emulsified & Heavy Materials	68	68PB	13.9	P	368
	69E	69PA	16.0	P	369
Asphaltum Paints, Plastic Paints	66	66PE	13.2	P	365
	67	67PB	13.0	P	367
Cement Paints	65	65P	8.7	P	365
	66	66PA	10.1	P	365
	67	67P	13.0	P	367
Stipple or Spatter	66	66PD	3.0 @ 15 lbs.	P	365
Veiling	794	793	3.0 @ 15 lbs.	P	392

INTERNAL MIX

TYPE OF FLUID TO BE SPRAYED	FLUID NOZZLE	AIR NOZZLE NUMBER		C.F.M. REQ'D AT 50 LBS. PRESSURE	TYPE OF NOZZLE	SPRAY WIDTH AT 8" FROM SURFACE	NEEDLE SIZE AND NUMBER
		CARBIDE	NITRALLOY				
Aluminum, Barn, Flat Wall, Maintenance, House, Mill White or Oil, Multi-Color, Asphaltum Paints	63 to 66	100	200	5.0	FAN	14"	
	67	101	201	8.5	FAN	11"	367
	68	101	201	6.75	FAN	13"	368
	67	102	202	6.5	FAN	8"	367
	68	102	202	4.5	FAN	8"	368
	69E	102	202	4.5	FAN	8½"	369
	63 to 66	104	204	5.5	FAN	11"	
	67	105	205	7.75	FAN	16"	367
	68	105	205	6.0	FAN	12"	368
	69E	105	205	6.0	FAN	12"	369
	67	106	206	9.5	FAN	19"	367
	68	106	206	8.0	FAN	19"	368
	69E	106	206	8.0	FAN	19"	369
	63 to 66	—	220	3.0	ROUND	—	
	67	—	221	5.5	ROUND	—	367
	68	—	221	5.0	ROUND	—	368
	69E	—	221	5.0	ROUND	—	369

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed

of application and degree of atomization.

*P—External atomizing: for use with pressure tank or pressure cup.

Spray pattern adjustable round to fan.

*S—External atomizing: for use with siphon cup or gravity bucket.

Spray pattern adjustable round to fan.

† All needle valves are stainless steel.

FLUID NOZZLE ORIFICE SIZES													
63	63A	63B	63C	65	66	67	67A	68	69E	63CVT	64VT	67VT	68VT
.028	.040	.046	.052	.059	.070	.086	.086	.110	.125	.052	.064	.086	.110

† Air nozzles shown with any one of these (†) fluid nozzles can be used with all of these (†) fluid nozzles.



BINKS NOZZLE CHART

SPRAY GUN MODEL 29

TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE†	
	FLUID NOZZLE†	AIR NOZZLE			SIZE	PART NO.
Airplane Dope	67	67PB	13.0	P	18	T-1028
Lacquers, Synthetics, Enamels, Primers	66	R	4.0	P	15	T-1028
	63C	66S	4.8	P	16	T-1028
	63B	63PB	13.9	P	16	T-1028
	63B	66PE	13.9	P	16	T-1028
	66	R	4.0	S	15	T-1028
	66	66S	4.8	S	15	T-1028
	66	66SE	9.0	S	15	T-1028
	66	66SD	11.6	S	15	T-1028
	66	66SF	11.4	S	15	T-1028
	67A	67SA	10.2	S	18	T-1028
Flat Wall Paints, House & Barn Paints	65	65P	8.7	P	15	T-1028
	66	66PA	10.1	P	15	T-1028
	68	68PA	8.1	P	19	T-1028
	68	68PB	13.9	P	19	T-1028
Shellacs, Stains	63B	66PE	13.9	P	16	T-1028
	65	63PB	13.9	P	15	T-1028
	66	66SD	11.9	S	15	T-1028
	66	66SE	9.0	S	15	T-1028
	67A	67SA	10.2	S	18	T-1028
Varnish & Wrinkles	63C	63PB	13.9	P	16	T-1028
	65	66PE	13.9	P	15	T-1028
Asphaltum-Emulsified & Heavy Materials	68	68PB	13.9	P	19	T-1028
	69B	69P	14.3	P	156	T-1228
Asphaltum Paints, Plastic Paints	66	66PE	13.2	P	15	T-1028
	67	67PB	13.0	P	18	T-1028
Cement Paints	65	65P	8.7	P	15	T-1028
	66	66PA	10.1	P	15	T-1028
	67	67P	13.0	P	18	T-1028
Aluminum, Barn, Flat Wall, House, Maintenance, Mill White, Oil Paints	51	R3	3.9	I-FAN	16	T-1028
	51	R3A	3.4	I-ROUND	16	T-1028
	51	R15	3.9	I-FAN	16	T-1028
	51	R16	6.9	I-FAN	16	T-1028
	53	R19	6.5	I-FAN	18	T-1028
	53	R21	9.3	I-FAN	18	T-1028
	54	R21	7.0	I-FAN	19	T-1028
Heavy Material	56	R24	10.6	I-FAN	156	T-1228
	56	R25	8.2	I-ROUND	156	T-1228
	57	R27	9.0	I-FAN	156	T-1228
	57	R28	9.5	I-ROUND	156	T-1228
	58	R30	12.2	I-FAN	156	T-1228
	58	R31	12.2	I-ROUND	156	T-1228

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

*P-External atomizing: for use with pressure tank or pressure cup. Spray pattern adjustable round to fan.

*S-External atomizing: for use with siphon cup or gravity bucket. Spray pattern adjustable round to fan.

*I-Internal atomizing: for use with pressure equipment only. Spray pattern fixed as specified.

† Fluid nozzle and needle valve can be furnished in stainless steel. If required, specify when ordering.

FLUID NOZZLE ORIFICE SIZES														
63A	63B	63C	65	66	67	67A	68	69B	51	53	54	56	57	58
.040	.046	.052	.059	.070	.086	.086	.110	.172	.052	.086	.110	.172	.218	.281

+ Air nozzles shown with any one of these (+) fluid nozzles can be used with all of these (+) fluid nozzles.



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BINKS NOZZLE CHART

SPRAY GUN MODELS 26 AND 15

MODEL 26 TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE†	
	FLUID NOZZLE†	AIR NOZZLE			SIZE	PART NO.
Lacquers, Synthetics, Enamels, Primers	77	¾	4.6	S	77	U-813
	78	78S	6.9	S	78	U-813
	78	78SD	4.0	S	78	U-813
	76	76P	7.3	P	76	U-813
	77	77P	6.9	P	77	U-813
	78	78P	7.1	P	78	U-813
Flat Wall Paints, House & Barn Paints	77	¾	4.6	P	77	U-813
	77	77P	6.9	P	77	U-813
	78	78P	7.1	P	78	U-813
Shellacs, Stains	78	78S	6.9	S	78	U-813
	76	76P	7.3	P	76	U-813
	77	77P	6.9	P	77	U-813
	78	78P	7.1	P	78	U-813
Varnish, Wrinkles	76	76P	7.3	P	76	U-813
	77	77P	6.9	P	77	U-813
	78	78P	7.1	P	78	U-813
Shading, Stenciling, Spotting, Touch-up	78	78SD	4.0	S	78	U-813
Water for dampening clothing, Spotting in Dry Cleaning Plants	78SS	78SD	4.0	S	78SS	U-813

MODEL 15 TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE†	
	FLUID NOZZLE†	AIR NOZZLE			SIZE	PART NO.
Lacquers, Synthetics, Enamels	77	¾	4.6	S	77	U-880
	78	78S	6.9	S	78	U-880
	78	78SD	4.0	S	78	U-880
	76	76P	7.3	P	76	U-880
	77	77P	6.9	P	77	U-880
	78	78P	7.1	P	78	U-880
Shellacs, Stains	78	78S	6.9	S	78	U-880
	76	76P	7.3	P	76	U-880
	77	77P	6.9	P	77	U-880
	78	78P	7.1	P	78	U-880
Varnish, Wrinkles	76	76P	7.3	P	76	U-880
	77	77P	6.9	P	77	U-880
	78	78P	7.1	P	78	U-880
Shading, Stenciling, Spotting, Touch-up	78	78SD	4.0	S	78	U-880

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

*P—External atomizing: for use with pressure tank.
Spray pattern adjustable round to fan.

*S—External atomizing: for use with siphon cup or gravity bucket.
Spray pattern adjustable round to fan.

† Fluid nozzle and needle valve can be furnished in stainless steel.
If required, specify when ordering.

FLUID NOZZLE ORIFICE SIZES		
76	77	78
.040	.052	.070

BINKS NOZZLE CHART

SPRAY GUN MODELS 7E2, 18D, 125 POLE GUN AND NOZZLE EXTENSIONS

MODELS 7E2 AND 125 POLE GUN TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		AIR NOZZLE PART NO.	C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE
	FLUID NOZZLE	AIR NOZZLE			
Heavy Fluids	44	3/16	OB-38	7.8	Round internal
	45	1/4	OB-38	13.2	Round internal
	47	3/8	OB-38	20.3	Round internal
	49	1/2	OB-38	22.5	Round internal
	45	3/8F	OB-38	20.0	Fan internal
	44	3/16E	OB-134	16.2	Fan external
	45	1/4E	OB-134	15.6	Fan external
	47	3/8E	OB-134	16.4	Fan external
Abrasive Heavy Fluids	47	3/8R	OB-136	20.3	Round internal rubber insert
	49	1/2R	OB-225	22.5	Round internal rubber insert
	44	3/8C	OB-246	7.8	Round internal ceramic insert
	45	1/4C	OB-247	13.2	Round internal ceramic insert
	47	3/8C	OB-248	20.3	Round internal ceramic insert
	49	1/2C	OB-249	22.5	Round internal ceramic insert

MODEL 18D TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE
	FLUID NOZZLE	AIR NOZZLE		
House Paints, Stucco Finishes, & Sound Deadeners	69B	69P	14.3	Fan external
	56	R24	10.6	Fan internal
	56	R25	8.2	Round internal
	57	R27	9.0	Fan internal
	57	R28	9.5	Round internal
	58	R30	12.2	Fan internal
	58	R31	12.2	Round internal

NOZZLE EXTENSIONS EAX, ENX, EBX, ERX TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE
	FLUID NOZZLE	AIR NOZZLE		
Lacquers, Synthetics	J2	AA	5.0	Fan spray—external atomizing
	J2	AA1	5.0	Wide Fan spray—external atomizing
	J2	R1	4.5	Round spray—external atomizing
	JA	R15	4.0	Fan spray—internal atomizing
	J1	R4	7.0	Fan spray—internal atomizing

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select larger fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

ATTENTION

- Only one size needle (T-1209) furnished for Model 18D.
- Only one size needle (T-1219) furnished for Model 7E2.
- Both the 7E2 and the 18D must be operated from pressure tank or material handling pump.

FLUID NOZZLE ORIFICE SIZES										
44	45	47	49	69B	56	57	58	J2	JA	J1
.187	.250	.375	.500	.172	.172	.218	.281	.043	.043	.082



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BINKS NOZZLE CHART

SPRAY GUN MODELS 21 AND 24

AND NOZZLE EXTENSIONS

MODELS 21, 21A, 21B TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE*	NEEDLE† See Notes 1 & 2	
	FLUID NOZZLE†	AIR NOZZLE			SIZE	PART NO.
Lacquers, Synthetics, Enamels, Primers	63A 63B 63B 63B	63P 66PA 63PB 66PE	8.4 13.2 13.9 13.9	P P P P	263A 263A 263A 263A	NG-311 NG-311 NG-311 NG-311
Electrostatic Spraying	63A	63PC	6.2 @ 15 lbs.	P	263A	NG-311
Varnish & Wrinkles	63C 65	63PB 66PE	13.9 13.9	P P	263A 265	NG-311 NG-311
Shellacs & Stains	63A 63B	63PB 66PE	13.9 13.9	P P	263A 263A	NG-311 NG-311
Lead Paints, Mill White, Fillers, Oil Paint	65 66	63PB 66PE	13.9 13.9	P P	265 265	NG-311 NG-311
Ceramic Materials	63C-VT 64VT 67VT 68VT	66PH 64PA 67PD 68PB	14.0 15.0 16.0 16.0	P P P P	263C-VT 264VT 267VT 268VT	NG-450 NG-450 NG-450 NG-450
Adhesive Materials	65 68	66PE 68PB	13.9 13.9	P P	265 268	NG-311 NG-311
Road Marking Material	51 56 58	R15 R24 R30	3.4 11.0 15.0	I-FAN I-FAN I-FAN	263A 269C 269C	NG-311 NG-486 NG-486

MODEL 24 GUN AND NOZZLE EXTENSIONS EA, EB, EN TYPE OF FLUID TO BE SPRAYED	NOZZLE COMBINATION		C.F.M. REQUIRED AT 50 LBS. PRESSURE	TYPE OF NOZZLE	
	FLUID NOZZLE	AIR NOZZLE			
Lacquers, Synthetics, Enamels, Primers	63A 63B 63B 63B	63P 66PA 63PB 66PE	8.4 13.2 13.9 13.9	P P P P	
Varnish & Wrinkles	63C 65	63PB 66PE	13.9 13.9	P P	
Shellacs & Stains	63A 63B	63PB 66PE	13.9 13.9	P P	
Lead Paints, Mill White, Fillers, Oil Paint	65 66	63PB 66PE	13.9 13.9	P P	
Adhesive Materials	65 68	66PE 68PB	13.9 13.9	P P	
Maintenance, Lead Paints, Mill White, Oil Paint	51 51 53 54	R15 R16 R21 R21	3.9 6.9 9.3 7.0	I-FAN I-FAN I-FAN I-FAN	

WHEN SELECTING NOZZLES FOR YOUR GUN, BE SURE TO CHECK THE FOLLOWING POINTS:

- Be certain your air supply is sufficient to operate nozzles selected.
- For light material, select small fluid opening. For heavier material, select large fluid opening.
- The air volume (C.F.M.) of the air nozzle will determine the speed of application and degree of atomization.

*P-External atomizing: for use with pressure tank or pressure cup. Spray pattern adjustable round to fan.

*I-Internal atomizing: for use with pressure equipment only. Spray pattern fixed as specified.

Note 1. Model 21A & 21AV Guns

These guns use the same external nozzles as shown on above chart. Only one size needle (NG-402) furnished.

Note 2. Model 21B & 21BV Guns

These guns use the same external nozzles as shown on above chart. No needle valve required.

† Fluid nozzle can be furnished in stainless steel. If required, specify when ordering. All needles are hardened stainless steel.

FLUID NOZZLE ORIFICE SIZES															
63A	63B	63C	65	66	67	68	51	53	54	56	58	63CVT	64VT	67VT	68VT
.040	.046	.052	.059	.070	.086	.110	.052	.086	.110	.172	.281	.052	.064	.086	.110

+ Air nozzles shown with any one of these (+) fluid nozzles can be used with all of these (+) fluid nozzles.

SIPHON AND PRESSURE CUPS

SIPHON CUPS

ONE QUART CLAMP TYPE CUP

- 81-500 cup complete, $\frac{3}{8}$ " St. P.
- 81-501 cup complete, $\frac{5}{8}$ "-18
- 81-502 cup complete, $\frac{5}{8}$ "-20
- 81-503 cup complete, $\frac{1}{4}$ " St. P.
- 82-47 quart cup only.
Shpg. Wt. 1 lb. each
- 81-400 attachment only, $\frac{3}{8}$ " St. P.
- 81-401 attachment only, $\frac{5}{8}$ "-18
- 81-402 attachment only, $\frac{5}{8}$ "-20
- 81-403 attachment only, $\frac{1}{4}$ " St. P.
Shpg. Wt. $\frac{1}{2}$ lb. each



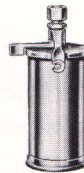
ONE QUART METAL SCREW TYPE CUP

- 81-560 cup complete, $\frac{3}{8}$ " St. P. For 18, 7, 62, 29 and 26 guns. Shpg. Wt. 1 lb.
- 81-562 cup complete, $\frac{3}{8}$ " St. P. With 72-54 adapter for 15 gun. Shpg. Wt. 1 lb.
- 56-618 cup only. Shpg. Wt. 8 oz.
- 81-460 attachment only. Shpg. Wt. 8 oz.
- 81-6 sealtight cover. Shpg. Wt. 6 oz.



EIGHT OUNCE CLAMP TYPE CUP

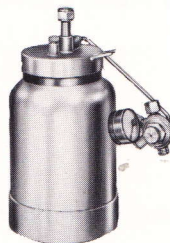
- 81-540 cup complete, $\frac{1}{4}$ " St. P. For 15 gun.
Shpg. Wt. 8 oz.
- 81-541 cup complete, $\frac{1}{4}$ " St. P. With 72-55 adapter for 26 gun. Shpg. Wt. 8 oz.
- 55-444 cup only. Shpg. Wt. 4 oz.
- 81-440 attachment only. Shpg. Wt. 4 oz.



PRESSURE CUPS

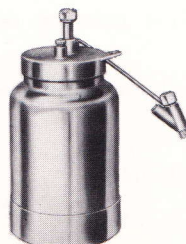
TWO QUART CUP WITH PRESSURE REGULATOR

- 80-202, for use with gun model 7.
- 80-212, for use with gun model 18.
- 80-216, for use with gun model 29.
- 80-254, for use with gun model 62.
Shpg. Wt. 2 $\frac{1}{4}$ lbs. each
- 80-4, two quart cup only. Shpg. Wt. 1 $\frac{1}{2}$ lbs.



TWO QUART CUP WITH AIR CONNECTION

- 80-203, for use with gun model 7.
- 80-213, for use with gun model 18.
- 80-217, for use with gun model 29.
- 80-255, for use with gun model 62.
Shpg. Wt. 3 lbs. each
- 80-4, two quart cup only. Shpg. Wt. 1 $\frac{1}{2}$ lbs.

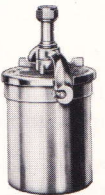


Use maximum 50 lbs. working pressure with pressure cups

NOTE: Gun models 18, 7, 62, 29 and 26 have $\frac{3}{8}$ " fluid connections. Gun model 15 has $\frac{1}{4}$ " fluid connection.

ONE PINT CLAMP TYPE CUP

- 81-520 cup complete, $\frac{3}{8}$ " St. P.
- 81-521 cup complete, $\frac{5}{8}$ "-18
- 81-522 cup complete, $\frac{5}{8}$ "-20
- 81-523 cup complete, $\frac{1}{4}$ " St. P.
- 82-46 pint cup only.
Shpg. Wt. 1 lb. each
- 81-420 attachment only, $\frac{3}{8}$ " St. P.
- 81-421 attachment only, $\frac{5}{8}$ "-18
- 81-422 attachment only, $\frac{5}{8}$ "-20
- 81-423 attachment only, $\frac{1}{4}$ " St. P.
Shpg. Wt. $\frac{1}{2}$ lb. each



ONE PINT GLASS SCREW TYPE CUP

- 81-561 cup complete, $\frac{3}{8}$ " St. P.
Shpg. Wt. 1 $\frac{1}{4}$ lbs.
- 81-461 attachment only, $\frac{3}{8}$ " St. P.
Shpg. Wt. 8 oz.
- 81-8 pint cup only. Shpg. Wt. 12 oz.
- 81-6 sealtight cover. Shpg. Wt. 6 oz.



EIGHT OUNCE GLASS SCREW TYPE CUP

- 81-580 cup complete, $\frac{1}{4}$ " St. P. For 15 gun.
Shpg. Wt. 12 oz.
- 81-581 cup complete, $\frac{1}{4}$ " St. P. With 72-55 adapter for 26 gun. Shpg. Wt. 12 oz.
- 81-7 cup only. Shpg. Wt. 8 oz.
- 81-480 attachment only. Shpg. Wt. 6 oz.
- 81-5 sealtight cover. Shpg. Wt. 6 oz.



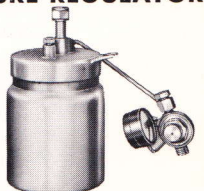
SEALTIGHT COVERS

- Use when fluid is to be stored in the cup.
- 81-4 cover, for use with cup models 82-47, quart size, and 82-46, pint size. Shpg. Wt. 6 oz.
- 55-32 cover, for use with cup model 55-444, 8 oz. size. Shpg. Wt. 4 oz.



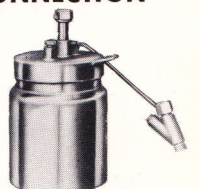
ONE QUART CUP WITH PRESSURE REGULATOR

- 80-200, for use with gun model 7.
- 80-210, for use with gun model 18.
- 80-214, for use with gun model 29.
- 80-256, for use with gun model 62.
Shpg. Wt. 2 lbs. each
- 80-3, quart cup only. Shpg. Wt. 1 lb.



ONE QUART CUP WITH AIR CONNECTION

- 80-201, for use with gun model 7.
- 80-211, for use with gun model 18.
- 80-215, for use with gun model 29.
- 80-257, for use with gun model 62.
Shpg. Wt. 2 lbs. each
- 80-3, quart cup only. Shpg. Wt. 1 lb.



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OIL AND WATER EXTRACTORS

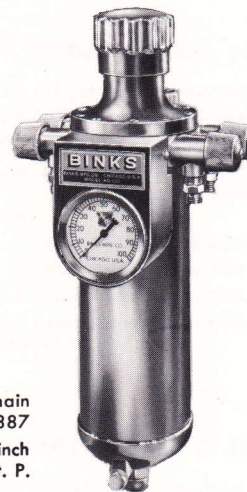
BINKS MODEL AO-120 EXTRACTOR

Capacity 75 C.F.M.

- Use this model for simultaneous operation of two heavy-duty production spray guns and two dusting guns.
- Drop forged bronze regulator will maintain pressure setting.
- Metallic spiral baffle.
- Filter is cartridge type, wound of long-fiber absorbent material. Washable or replaceable.
- Two drains furnished—hand and semi-automatic. Latter operates when pressure is shut off.
- Gauge shows regulated pressure.*
- Air inlet $\frac{3}{4}$ inch St. P. (F).
- Two main line pressure outlets $\frac{1}{4}$ inch St. P. (M).
- Two regulated pressure outlets $\frac{1}{4}$ inch St. P. (M).

Model AO-120 extractor
Shpg. Wt. 14 lbs.

*Gauge, nipple and T to show main line pressure—Order Model AO-887
Double air outlet adapter, $\frac{1}{4}$ inch tapered pipe (F) inlet, $\frac{1}{4}$ inch St. P. (M) outlets—Order AO-751.

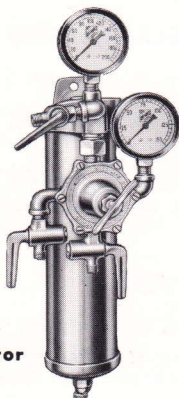


BINKS MODEL 538A EXTRACTOR

Capacity 40 C.F.M.

- Two spray guns and one dusting gun can be in operation simultaneously.
- Drop forged bronze regulator will maintain pressure setting.
- Metal filter and metal baffle insure clean, dry air. Easily cleaned.
- Upper gauge indicates main line pressure.
- Lower gauge shows regulated pressure.
- Air inlet $\frac{1}{2}$ inch tapered pipe (F).
- One main line pressure outlet $\frac{1}{4}$ inch St. P. (M).
- Two regulated pressure outlets $\frac{1}{4}$ inch St. P. (M).

Model 538A extractor
Shpg. Wt. 14 lbs.

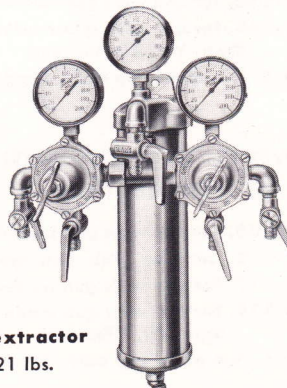


BINKS MODEL 539A EXTRACTOR

Capacity 60 C.F.M.

- Four spray guns and one dusting gun can be in operation simultaneously.
- Drop forged bronze regulators maintain pressure settings. Capable of independent regulation.
- Metal filter and metal baffle insure clean, dry air. Easily cleaned.
- Air inlet $\frac{1}{2}$ inch tapered pipe (F).
- One main line pressure outlet $\frac{1}{4}$ inch St.P. (M).
- Four regulated pressure outlets $\frac{1}{4}$ inch St.P. (M).

Model 539A extractor
Shpg. Wt. 21 lbs.



OIL AND WATER EXTRACTORS

BINKS MODEL 86-124 EXTRACTOR

Capacity 100 C.F.M.

- Dual baffle and centrifugal filter action.
- Easily replaceable filter.
- One inch N.P.T. Inlet and Outlet.

Model 86-124 Oil and Water Extractor—Standard
12½" length. Shpg. Wt. 12 lbs.

Model 86-126 Oil and Water Extractor—Same as
above but 8½" length. Shpg. Wt. 10 lbs.

Model 86-876 Replaceable Filters for both models.

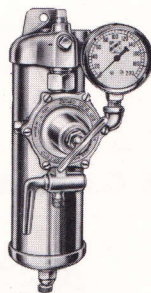


Model 86-124 extractor
Shpg. Wt. 12 lbs.

BINKS MODEL 545A EXTRACTOR

Capacity 30 C.F.M.

- For single gun operation.
- Drop forged bronze regulator will maintain pressure setting.
- Metallic baffle cleans air, eliminates impurities. Easily cleaned.
- Pressure gauge shows regulated pressure.
- Air inlet ½ inch tapered pipe (F).
- Regulated outlet ¼ inch St.P. (M).



Model 545A extractor
Shpg. Wt. 11 lbs.

BINKS MODEL 544A EXTRACTOR

Capacity 30 C.F.M.

- Use when regulator is not required or is already available.
- Air inlet ½ inch tapered pipe (F).
- Outlet furnished with SC-55 adapter, ¼ inch St.P. (M) x ⅜ inch St.P. (F).
- Can be converted to model 545A:

Model AO-851 regulator and gauge with fittings
to convert 544A to 545A.....Shpg. Wt. 2½ lbs.



Model 544A extractor
Shpg. Wt. 6 lbs.



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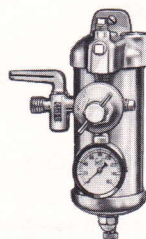
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EXTRACTORS PRESSURE REGULATORS AND GAUGES

BINKS MODEL AO-102 EXTRACTOR

Capacity 20 C.F.M.

- For single gun operation.
- Phenolic impregnated filter, easily removable for cleaning.
- Air inlet $\frac{1}{2}$ inch tapered pipe (F).
- Regulated outlet $\frac{1}{4}$ inch St.P. (M).



Model AO-102 extractor
Shpg. Wt. 10 lbs.

BINKS AIR PRESSURE REGULATORS

MODEL AO-836 BELT TYPE EXTRACTOR

Capacity up to 8 C.F.M. and 50 lbs. pressure

- For use with small portable compressors.
- Designed to be hung from operator's belt.
- Phenolic impregnated filter, easily removable for cleaning.



AO-836 Extractor Shpg. Wt. 1 lb.

BINKS PRESSURE GAUGES



Bottom Outlet



Back Outlet

All models have $\frac{1}{4}$ inch tapered pipe (M) connection.
Shpg. Wt. 1 lb.

Eight Sizes Available

D-1636— 15 lbs.	D-1290—150 lbs.
D-1414— 30 lbs.	D-2218—160 lbs.*
D-386 — 60 lbs.	D-387 —200 lbs.
D-1355—100 lbs.	D-2219—300 lbs.*

*Back outlet type.

Be sure to specify model number.

**PR-114
PR-115**

**PR-100
PR-101**

PR-125

PR-112

PR-114: CAPACITY 15 C.F.M.

$\frac{1}{4}$ inch (F) pipe inlet, three $\frac{1}{4}$ inch regulated air outlets. Shpg. Wt. 2 lbs.

PR-115: CAPACITY 15 C.F.M.

$\frac{1}{4}$ inch (F) pipe inlet, $\frac{1}{4}$ inch bypass outlet, two $\frac{1}{4}$ inch regulated outlets. Shpg. Wt. 2 lbs.

PR-100: CAPACITY 35 C.F.M.

$\frac{3}{8}$ inch (F) pipe inlet, three $\frac{1}{4}$ inch regulated air outlets. Shpg. Wt. 3 lbs.

PR-101: CAPACITY 35 C.F.M.

$\frac{1}{4}$ inch (F) pipe inlet, $\frac{1}{4}$ inch bypass outlet, one $\frac{1}{4}$ inch and one $\frac{3}{8}$ inch regulated outlet. Shpg. Wt. 3 lbs.

PR-125: CAPACITY 60 C.F.M.

$\frac{1}{2}$ inch (F) pipe inlet, two $\frac{1}{4}$ inch and one $\frac{1}{2}$ inch regulated air outlets. Shpg. Wt. 7 lbs.

PR-112: CAPACITY 100 C.F.M.

$\frac{3}{4}$ inch (F) pipe inlet, two $\frac{1}{4}$ inch and one $\frac{3}{4}$ inch regulated air outlets. Shpg. Wt. 10 lbs.

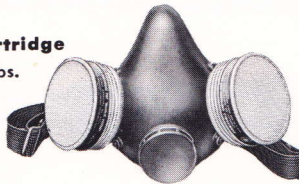
All connections tapered pipe.

RESPIRATORS

BINKS CARTRIDGE-TYPE RESPIRATORS

Model 8 approved by U. S. Bureau of Mines for non-emergency gas respirator for organic vapors.

Model 8—Twin-Cartridge
Shpg. Wt. 1 1/4 lbs.



Model 6—Single Cartridge
Shpg. Wt. 1 lb.

- Comfortable, soft, lightweight rubber body conforms to face.
- Intake and exhaust valves large, quick-acting, assure easy breathing.
- Head band elastic and adjustable.
- Cartridges furnished with chemically treated filter.
- Metal clamp available which holds paper filters onto cartridges, increasing their life.*
- Box of 10 cartridges, order #40-13.

*Metal clamp, for paper filters, order #40-21.
Box of 50 paper filters, order #40-32.

BINKS FILTER-TYPE RESPIRATOR

Use if air contains paint mist or dusts from grinding, polishing, scraping, blowing-off operations.

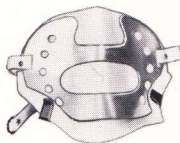


Model 2A
Shpg. Wt. 1 lb.

- Intake and exhaust valves quick-acting.
- Soft rubber body conforms to face.
- Elastic headband adjustable.
- Filter pads easily replaced when necessary.
- Box of 100 filter pads, order #40-5.
- Cloth facelet, order #40-10.

BINKS PAD-TYPE RESPIRATOR

Use where air contains paint mist or irritating dusts.



Model 10
Shpg. Wt. 6 oz.

- Aluminum frame flexible, lightweight, holds filter pad over operator's nose and mouth.
- Filter pad easily replaced.
- Box of 25 filter pads, order #40-15.

BINKS HOOD-TYPE RESPIRATOR

For use when ventilation is inadequate or if air is contaminated with impurities which are harmful to eyes, ears, nose or throat.

- Lightweight, cool, comfortable.
- Air fed in at top of hood, escapes from bottom around neck or through opening in window.
- Air volume controlled by valve furnished with hood.
- Two types of slide-in plastic windows furnished: one plain, one with center cut-out.
- Furnished with air hose and fittings for attaching to gun inlet.
- Replacement hood only, order #40-47.



Model 40-54
Shpg. Wt. 3 lbs.

BINKS PROTECTIVE GOGGLES



Model 103
Shpg. Wt. 8 oz.

- Contour design assures maximum comfort and protection.



Binks Manufacturing Company

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AIR AND FLUID HOSE

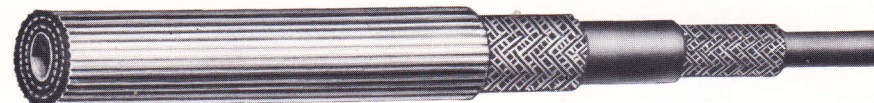
AIR HOSE



BRAID COVERED



SINGLE BRAID



TWO BRAID

FLUID HOSE



TWO BRAID



HIGH PRESSURE

AIR HOSE DESCRIPTION

Conn. Furn.
No., Size, Thread
Extractor or Tank End Spray Gun End

FLUID HOSE DESCRIPTION

Conn. Furn.
(Each End Same)
No., Size, Thread

H-101, 1/4" braid covered. For small spray guns. Inside diameter 1/4". Outside diameter 7/16". Working pressure 80 lbs.

SC-312 1/4" St. P. SC-312 1/4" St. P.
SC-312 1/4" St. P. SC-315 Angle 1/4" St. P.

H-206, 1/4" rubber covered, single braid. Inside diameter 1/4". Outside diameter 1/2". Thiokol lining. Working pressure 150 lbs.

SC-303 1/4" St. P.
SC-306 3/8" St. P.

H-110, 1/4" rubber covered, single braid. For small spray guns. Inside diameter 1/4". Outside diameter 1/2". Working pressure 100 lbs.

SC-303 1/4" St. P. SC-303 1/4" St. P.
SC-310 1/4" St. P. SC-314 Angle 1/4" St. P.

H-208, 3/8" rubber covered, two-braid, Inside diameter 3/8". Outside diameter 11/16". Thiokol lining. Working pressure 150 lbs.

SC-328 3/8" St. P.

H-105, 5/16" rubber covered, single braid. For production spray guns. Inside diameter 5/16". Outside diameter 1/4". Working pressure 150 lbs.

SC-317 1/4" St. P. SC-317 1/4" St. P.

H-220, 3/8" rubber covered, two-braid. Inside diameter 3/8". Outside diameter 11/16". Neoprene lining. Working pressure 150 lbs.

SC-328 3/8" St. P.

H-106, 5/16" rubber covered, two-braid. For production spray guns. Inside diameter 5/16". Outside diameter 1/4". Working pressure 175 lbs.

SC-317 1/4" St. P. SC-317 1/4" St. P.

H-210, 1/2" rubber covered, two-braid. Inside diameter 1/2". Outside diameter 7/8". Thiokol lining. Working pressure 150 lbs.

SC-333 3/8" St. P.
SC-334 1/2" St. P.

H-107, 3/8" rubber covered, two-braid. For production spray guns or from pressure tank to compressor. Inside diameter 3/8". Outside diameter 11/16". Working pressure 175 lbs.

SC-328 3/8" St. P. SC-328 3/8" St. P.
SC-325 1/4" St. P. SC-325 1/4" St. P.

H-205, 3/4" rubber covered, two-braid. Also can be used for air. Inside diameter 3/4". Outside diameter 1 1/4". Working pressure 150 lbs.

SC-336 3/4" St. P.

H-108, 1/2" rubber covered, two-braid. For use from pressure tank to compressor. Inside diameter 1/2". Outside diameter 7/8". Working pressure 175 lbs.

SC-333 3/8" St. P. SC-333 3/8" St. P.
SC-334 1/2" St. P. SC-334 1/2" St. P.

HIGH PRESSURE FLUID HOSE

H-213, 1/2" rubber covered high pressure hose. Inside diameter 1/2". Outside diameter 3/4". Working pressure 750 lbs.

SC-416 1/2" St. P.

H-214, 3/4" rubber covered high pressure hose. Inside diameter 3/4". Outside diameter 1 1/2". Working pressure 750 lbs.

SC-417 3/4" St. P.

H-212, 1" rubber covered high pressure hose. Inside diameter 1". Outside diameter 1 1/8". Working pressure 750 lbs.

SC-418 1" St. P.

HOSE CONNECTIONS

BINKS MOST POPULAR CONNECTIONS

No.	FEMALE THREADS	AIR HOSE			FLUID HOSE		
		No.	I.D.	O.D.	No.	I.D.	O.D.
SC-336	3/4" St. P.	H-205	3/4"	1 1/4"	H-205	3/4"	1 1/4"
SC-334	1/2" St. P.	H-108	1/2"	7/8"	H-210	1/2"	7/8"
SC-333	3/8" St. P.	H-108	1/2"	7/8"	H-210	1/2"	7/8"
SC-328	3/8" St. P.	H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-317	1/4" St. P.	H-105 H-106	5/16"	4 1/64"			
SC-306	3/8" St. P.				H-206	1/4"	1/2"
SC-303	1/4" St. P.	H-110	1/4"	1/2"	H-206	1/4"	1/2"



SC-336
For 3/4" Hose



SC-333
For 1/2" Hose

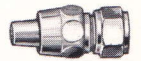


SC-317
For 1/4" Air Hose

These are
the
removable
type



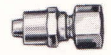
SC-334
For 1/2" Hose



SC-328
For 3/8" Hose



SC-306
For 1/4" Fluid
Hose



SC-303
For 1/4" Hose

BINKS COMPLETE LINE OF CONNECTIONS



Removable



Clamp



Ferrule*



Mender



High Pressure



Strap

REMOVABLE TYPE

No.	FEMALE THREADS	AIR HOSE			FLUID HOSE		
		No.	I.D.	O.D.	No.	I.D.	O.D.
SC-304	5/16"-20	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-305	5/8"-18	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-318	5/16"-20	H-105 H-106	5/16"	4 1/64"			
SC-319	5/8"-18	H-105 H-106	5/16"	4 1/64"			
SC-320	3/8" St. P.	H-105 H-106	5/16"	4 1/64"			
SC-325	1/4" St. P.	H-107	3/8"	1 1/16"			
SC-326	5/16"-20	H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-327	5/8"-18	H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-478	1/4" Pipe (MALE)	H-105 H-106	5/16"	4 1/64"			

CLAMP TYPE

No.	THREAD		AIR HOSE			FLUID HOSE		
	M.	F.	No.	I.D.	O.D.	No.	I.D.	O.D.
SC-307	1/4" St. P.		H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-309		1/4" St. P.	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-311		1/4" St. P.	H-101	1/4"	7/8"			
SC-313†		1/4" St. P.	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-316†		1/4" St. P.	H-101	1/4"	7/8"			
SC-321	1/4" T.P.		H-105 H-106	5/16"	4 1/64"			
SC-323		1/4" St. P.	H-105 H-106	5/16"	4 1/64"			
SC-329	3/8" T.P.		H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-331		3/8" St. P.	H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-335	1/2" T.P.		H-108	1/2"	7/8"	H-210	1/2"	7/8"

*Ferrule type connections can only be installed at the factory or with a ferrule machine.
†90° angle connections

FERRULE TYPE*

No.	THREAD		AIR HOSE			FLUID HOSE		
	M.	F.	No.	I.D.	O.D.	No.	I.D.	O.D.
SC-308	1/4" St. P.		H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-310		1/4" St. P.	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-312		1/4" St. P.	H-101	1/4"	7/8"			
SC-314†		1/4" St. P.	H-110	1/4"	1/2"	H-206	1/4"	1/2"
SC-315†		1/4" St. P.	H-101	1/4"	7/8"			
SC-322	1/4" T.P.		H-105 H-106	5/16"	4 1/64"			
SC-324		1/4" St. P.	H-105 H-106	5/16"	4 1/64"			
SC-330	3/8" T.P.		H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"
SC-332		3/8" St. P.	H-107	3/8"	1 1/16"	H-208 H-220	3/8"	1 1/16"

*Ferrule type connections can only be installed at the factory or with a ferrule machine.
†90° angle connections

MENDERS

No.	USE ON HOSE I.D.	USE ON HOSE O.D.
SC-348	1/4"	1/2"
SC-349	5/16"	4 1/64"
SC-350	3/8"	1 1/16"

HIGH PRESSURE TYPE

SC-416	1/2"	1 1/2"
SC-417	3/4"	2"
SC-418	1"	2 1/2"

Note—SC-416 furnished with one clamp, SC-417 & SC-418 furnished with two.

STRAP ONLY +

SC-427	1/2"	1 1/2"
SC-428	3/4"	2"
SC-429	1"	2 1/2"

St. P.: Straight pipe. T.P.: Tapered pipe
+ Can be put on only with a special tool. Order No. 39-241 portable clamp tool.



Binks Manufacturing Company
3114-44 CARROLL AVE., CHICAGO 12 • BRANCHES IN ALL PRINCIPAL CITIES

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ADAPTERS, COCKS, NIPPLES, VALVES, ANGLE AND QUICK- DETACHABLE CONNECTIONS

ABBREVIATIONS

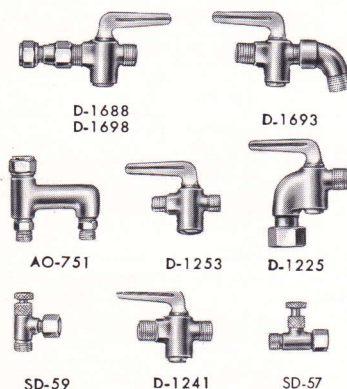
St. P.—Straight pipe
T. P.—Tapered pipe
F.—Female
M.—Male

ADAPTERS

No.	MALE THREAD	FEMALE THREAD
*AO-748	1"-24	3/8" St. P.
AZ-131	1/4" St. P.	1/4" St. P.
AZ-130	3/8" St. P.	3/8" St. P.
AZ-53	3/4" St. P.	3/8" St. P.
SC-48	1/8"-20	1/4" St. P.
SC-49	1/8"-20	3/8" St. P.
SC-50	3/8"-18	3/8" St. P.
SC-51	1/4" St. P.	1/8"-20
SC-52	3/8" St. P.	1/8"-20
SC-53	3/8" St. P.	3/8"-18
SC-54	3/8" St. P.	1/4" St. P.
SC-55	1/4" St. P.	3/8" St. P.
SC-56	1/4" St. P.	3/8"-18
SC-57	5/8"-18	1/4" St. P.
SC-197	3/8" St. P.	3/4" St. P.
SC-351	1/2" St. P.	3/4" St. P.
SC-359	1/2" St. P.	3/8" St. P.
SC-419	1" St. P.	3/4" St. P.
SC-420	3/8" St. P.	1/2" St. P.
SC-421	3/4" St. P.	1/2" St. P.

*For use on E-75 oil and water extractor

BINKS COCKS AND VALVES



COCKS AND VALVES

No.	DESCRIPTION	ST. PIPE TH.	PIPE TH.
*AO-751	Double Air Outlet	1/4" St. P.M.†	(2) 1/4" St. P.M.
D-1225	Fluid Cock	3/8" St. P.M.	7/8"—18 F.†
D-1241	Fluid Cock	3/8" St. P.M.	3/8" T.P.M.
D-1253	Air Cock	1/4" St. P.M.	1/4" T.P.M.
D-1688	Air Cock	1/4" St. P.F.†	1/4" St. P.M.
D-1693	75° Angle Air or Fluid Cock	3/8" St. P.M.	3/8" St. P.M.
D-1697	Adapter (D-1698 cock)	3/8" St. P.F.†	3/8" T.P.F.
D-1698	Fluid Cock	3/8" St. P.M.	3/8" St. P.F.†
D-1935	Adapter (D-1688 cock)	1/4" St. P.F.†	1/4" T.P.F.
SD-57	Straight Valve	1/4" St. P.F.†	1/4" St. P.M.
SD-59	90° Angle Valve	1/4" St. P.F.†	1/4" St. P.M.

*For use on E-75 and AO-120 oil and water extractors.

†Swivel nut, with nipple inserted.

BINKS ADAPTERS, NIPPLES, CONNECTIONS



Adapter



Double male nipple



90° Connection

NIPPLES

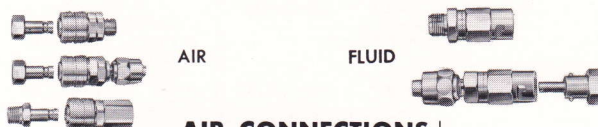
No.	MALE THREAD	MALE THREAD
*AO-753	1"-24	3/4" T.P.
D-361	3/8" St. P.	1/4" T.P.
D-574	3/8" St. P.	3/8" T.P.
D-576	1/4" St. P.	1/4" T.P.
D-1050	1/4" St. P.	1/4" St. P.
D-1185	3/8" T.P.	3/8" T.P.
D-1294	3/8" St. P.	3/8" St. P.
D-1822	3/4" St. P.	3/4" T.P.
D-1823	1/2" St. P.	1/2" T.P.
H-28	1/8" St. P.	1/4" T.P.
SC-240	3/4" St. P.	3/4" St. P.
SC-344	1/2" St. P.	1/2" St. P.
SC-422	1" St. P.	1" St. P.
SC-423	1" St. P.	1" T.P.
SC-424	1" St. P.	3/4" St. P.
SC-425	3/4" St. P.	1/2" St. P.

*For use on E-75 oil and water extractor

90° CONNECTIONS

No.	STRAIGHT PIPE THREAD	SWIVEL NUT
SD-12	1/4"	1/4"
SD-16	3/8"	3/8"
SD-18	1/4"	3/8"

BINKS QUICK DETACHABLE CONNECTIONS



AIR CONNECTIONS†

Complete Coupling Assem. No.	Hose End		Gun End	
	Part No.	Hose or Thr'd Size	Part No.	Thread Size
SC-446	SC-443	1/4" M. St. P.	SC-445	1/4" F. St. P.
SC-462	SC-461	3/16" Hose	SC-445	1/4" F. St. P.
SC-468	SC-443	1/4" M. St. P.	SC-466	9/16"-20 F.
SC-469	SC-461	3/16" Hose	SC-466	9/16"-20 F.
SC-470	SC-443	1/4" M. St. P.	SC-467	1/4" M. T. P.
SC-471	SC-461	3/16" Hose	SC-467	1/4" M. T. P.
SC-474	SC-473	1/4" F. T. P.	SC-445	1/4" F. St. P.
SC-475	SC-473	1/4" F. T. P.	SC-466	9/16"-20 F.
SC-476	SC-473	1/4" F. T. P.	SC-467	1/4" M. T. P.

FLUID CONNECTIONS†

Complete Coupling Assem. No.	Hose End		Gun End	
	Part No.	Hose or Thr'd Size	Part No.	Thread Size
SC-363	SC-365	3/8" Hose	SC-364	3/8" F. St. P.
SC-390	SC-387	1/16"-20 M. Thr'd	SC-364	3/8" F. St. P.
SC-389	SC-386	3/8" M. St. P.	SC-364	3/8" F. St. P.
SC-372	SC-365	3/8" Hose	SC-371	9/16"-20 F.
SC-393	SC-387	1/16"-20 M. Thr'd	SC-371	9/16"-20 F.
SC-392	SC-386	3/8" M. St. P.	SC-371	9/16"-20 F.

†If you need both hose end and gun end be sure to order by complete coupling assembly number.

AIR MOTOR DRIVEN AGITATOR UNITS

BINKS AGITATORS FOR MEDIUM-SIZE OPEN-TOP CONTAINERS

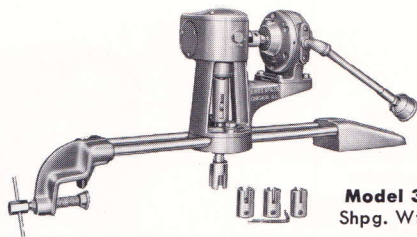
For agitating fluids such as lacquer or paint.

- Choice of "C" or stanchion clamp. "C" clamp locks agitator securely to fluid container. Stanchion clamp locks to 1" pipe and can be raised or lowered as desired.
- Agitator propellers aluminum. Agitator shaft stainless steel.
- Air motor requires 4 to 8 C.F.M.
- Speed controlled by valve on motor.

SHAFT	"C" CLAMP	STANCHION CLAMP
12"	31-101	31-107
16"	31-102	31-108
20"	31-103	31-109
24"	31-104	31-110
*28"	31-105	31-111
*32"	31-106	31-112

*Equipped with two paddles.

BINKS AGITATOR SHAFT ADAPTER UNIT



Model 31-114
Shpg. Wt. 50 lbs.

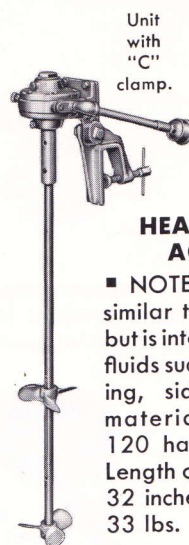
Can be adapted to any lacquer or paint container already equipped with agitator.

- Air motor requires 4 to 8 C.F.M.
- Speed controlled by valve on motor.
- Four adapters furnished will fit all standard agitator shafts:

31-21 $\frac{7}{16}$ " Square coupling	31-23 $\frac{1}{2}$ " Square coupling
31-22 $\frac{5}{8}$ " Square coupling	31-24 $\frac{3}{8}$ " Slot coupling

Designed for laboratories, hospitals, schools, etc., where a small agitator and small containers are used.

- Shaft and motor can be raised or lowered on vertical bar.
- Shaft stainless steel, propeller aluminum.
- Air motor requires 4 to 8 C.F.M.
- Speed controlled by valve on motor.
- Model 31-100 will hold one-gallon and five-gallon standard paint cans.

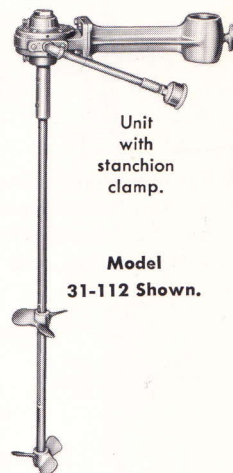


Unit
with
"C"
clamp.

**Model
31-106**
Shown.

HEAVY FLUIDS AGITATOR

- NOTE: Model 31-120 similar to models shown but is intended for heavy fluids such as undercoating, siding or roofing materials. Model 31-120 has a "C" clamp. Length of agitator shaft 32 inches. Shipping wt. 33 lbs.



Unit
with
stanchion
clamp.

**Model
31-112 Shown.**

Models 31-101—31-106
Shpg. Wt. 30 lbs.

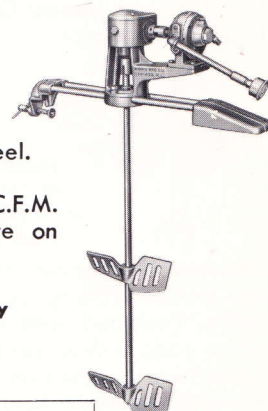
Models 31-107—31-112
Shpg. Wt. 30 lbs.

BINKS AGITATORS FOR LARGE OPEN-TOP CONTAINERS

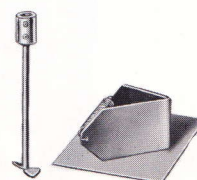
For agitating fluids such as lacquer or paint.

- Agitator shaft stainless steel.
- Paddles aluminum.
- Air motor requires 4 to 8 C.F.M.
- Speed controlled by valve on motor.

Model 31-113 30" shaft only
Shpg. Wt. 60 lbs.

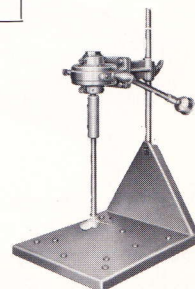


BINKS AGITATOR FOR SMALL OPEN-TOP CONTAINERS



Model 31-73
Shaft and cup holder
Shpg. Wt. 5 lbs.

To be used with Model 31-100 at right for agitating fluid in small containers.



Model 31-100
Shpg. Wt. 40 lbs.

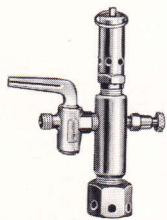


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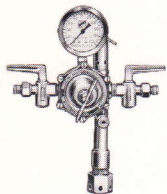
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PRESSURE FLUID TANK ACCESSORIES



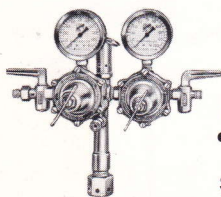
Model PR-102
air control unit
No regulator
Shpg. Wt. 2 lbs.

- For use where pressure regulator is already available for fluid control. Equipped with air inlet cock, safety valve and relief valve.



Model PR-103
air control unit
One regulator
Shpg. Wt. 3 lbs.

- To regulate pressure on fluid in tank. Recommended for use where spray gun air is from a permanently mounted extractor. Equipped with air inlet, outlet cock, safety valve, relief valve, regulator and gauge. Outlet air bypasses regulator.



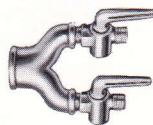
Model PR-104
air control unit
2 Regulators
Shpg. Wt. 5 lbs.

- Recommended for use with standard and portable spray painting outfits. Equipped with air inlet, outlet cock, safety valve, relief valve, two regulators and gauges—one to regulate fluid in tank and one to regulate atomizing air pressure at gun.



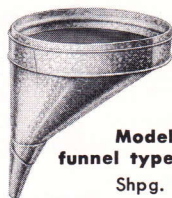
Caster base
Be sure to
specify size

- For easy moving of pressure tanks. A size for every tank. Special heavy duty model for 60 gallon tanks. See "Accessories" tables on following pages for model numbers and shipping weights.



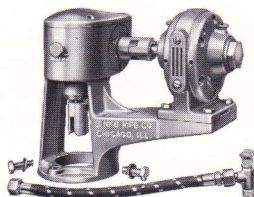
D-1849
double fluid
bottom outlet
Shpg. Wt. 1 lb.

- To operate two spray guns from one pressure tank. Furnished on 30 and 60 gallon tanks.



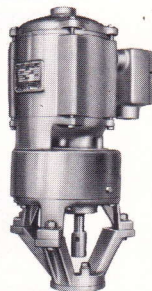
Model 28-103
funnel type fluid strainer
Shpg. Wt. 3 lbs.

- Designed to fit on pressure fluid tank filler outlet. Funnel bowl 10" in diameter. Strainer screen easily removed by lifting off retainer ring. For replacement screen, order Model 28-6 screen.



Model 31-116
air motor
agitator
drive unit
Shpg. Wt. 20 lbs.

- For use with Binks tanks equipped with agitators. Speed can be regulated from 15 to 90 R.P.M. Mounting bolts and hose furnished.

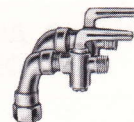


Model 31-119
electric motor
drive unit
Shpg. Wt. 75 lbs.

- Recommended for use with 30 and 60 gallon Binks tanks equipped with agitators. Explosion proof motor. Specify current Constant speed 36 R.P.M.

Model D-1848
double fluid top
outlet

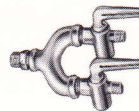
Shpg. Wt. 1 lb.



- To operate two spray guns from one pressure tank. Furnished on 30 and 60 gallon tanks.

Model D-1852
double air
outlet

Shpg. Wt. 1 lb.



- To operate two spray guns from one tank, where air must pass through tank control.



Model D-1846
fluid strainer
100 mesh

Model D-2090
fluid strainer
50 mesh

Shpg. Wt. 1 lb.

Model D-1256
screen only
100 mesh

Model D-2089
screen only
50 mesh

Shpg. Wt. 4 ozs.

- For use with pressure tanks.



**Inner
containers.**
Be sure to
specify size.

- Recommended for use where frequent changes of color are necessary or where material used will attack galvanized tank. Available for all tanks except non-A.S.M.E. Galvanized containers with top outlets available for all A.S.M.E. tanks. Stainless steel inner containers available in 10, 30 and 60 gallon sizes. 10 gallon S.S. container has top outlet. 30 and 60 gallon S.S. containers have bottom outlets. See "Accessories" tables on following pages for model numbers and shipping weights.

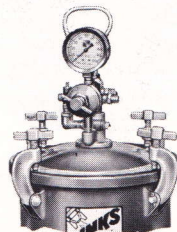
TWO-GALLON PRESSURE FLUID TANKS

BINKS NON-A.S.M.E. TANKS

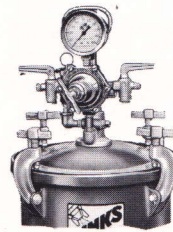
- **Tank shell**, seamless drawn steel, painted on outside.
- **Tank head**, pressed steel, painted on outside, fitted with safety valve, air inlet and air and fluid outlets.
- **Steel band** welded to bottom provides solid support.
- **"C" type clamps** and wing screws on tank shell, of forged steel. Loosen to remove tank head.
- **Tank easily cleaned.**
- **Maximum working pressure 80 lbs.**

The illustrations show the basic tank and three variations.

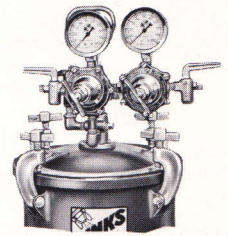
**Basic Tank
Model D-5660**
Shpg. Wt. 20 lbs.



Model D-5661
Shpg. Wt. 25 lbs.



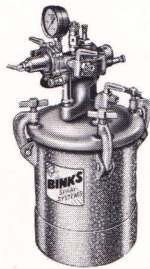
Model D-5662
Shpg. Wt. 30 lbs.



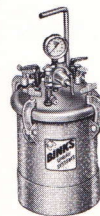
Model D-5663
Shpg. Wt. 35 lbs.



Left,
with
bottom
outlet.



Left,
with top
outlet
and air
motor
driven
agitator.



Left,
with
top
outlet.

ACCESSORIES FOR A.S.M.E. TANKS

Model No.	ITEM	Shpg. Wgt. Lbs.
D1493	Galvanized inner container, no cover.	10
D1713	Caster base.	15
D1837	Galvanized cover.	2
D1915	Regulator and gauge to change PR-103 unit into PR-104.	2
D1846	Fluid strainer.	1

BINKS A.S.M.E. TANKS

Fluid under continuous, accurate control.

- **Tank shell**, seamless drawn steel, galvanized inside and outside.
- **Tank head**, pressed steel, cadmium plated.
- **Steel band** welded to bottom provides solid support.
- **"C" type clamps** and wing screws on tank shell, of forged steel. Loosen to remove tank head.
- **Tank bottom concave**, easy to clean.
- **Maximum working pressure 110 lbs.**
- **Outlets supplied:** one air and one fluid.

TANKS FOR PAINT, LACQUER, ENAMEL, ETC. SHELL GALVANIZED.

MODEL No. OF TANKS	TYPE OF AGITATION	WIDTH INCHES	HEIGHT INCHES	MODEL No.	No. OF REGULATORS	No. OF OUTLETS	SHPG. WT. LBS.
D5500	None	13	23	PR-118	0	1 top	40
D5501	"	"	"	PR-119	1	"	40
D5502	"	"	"	PR-120	2	"	45
D5506	Air Motor	13	23	PR-102	0	1 top	50
D5507	" "	"	"	PR-103	1	"	50
D5508	" "	"	"	PR-104	2	"	55

TANKS FOR HEAVY VISCOSITY FLUIDS. SHELL GALVANIZED. FOLLOWER PLATE FURNISHED. 1" BOTTOM OUTLET.

MODEL No.	TYPE OF AGITATION	WIDTH INCHES	HEIGHT INCHES	MODEL No.	No. OF REGULATORS	No. OF OUTLETS	SHPG. WT. LBS.
D5560	None	13	23	PR-118	0	1 bottom	45
D5561	"	"	"	PR-119	1	"	45
D5562	"	"	"	PR-120	2	"	50

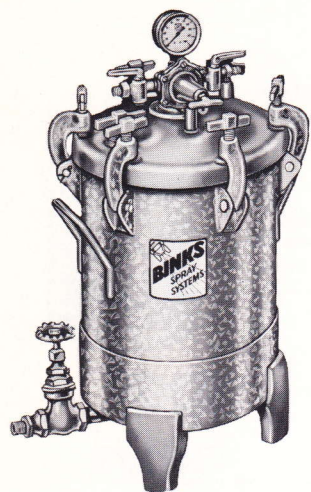


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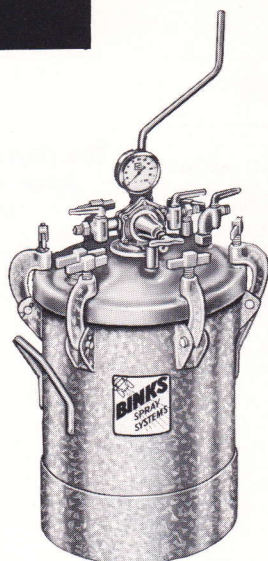
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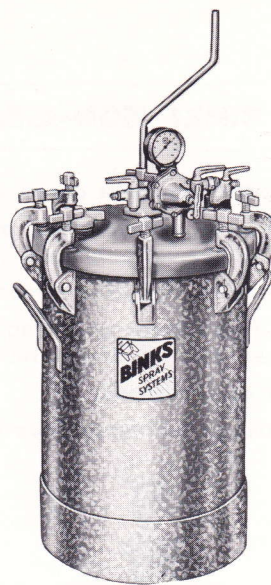
PRESSURE FLUID TANKS



5-Gallon pressure fluid tank
with bottom outlet, less agitator



5-Gallon pressure fluid tank
with top outlet and hand agitator

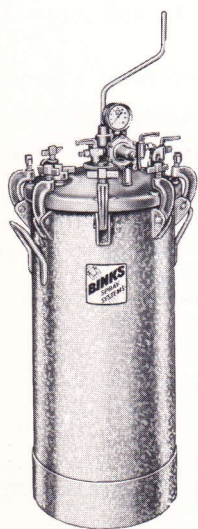


10-Gallon pressure fluid tank
with top outlet and hand agitator

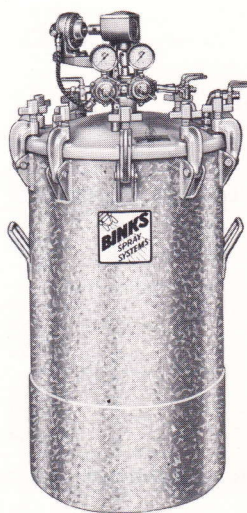
Indispensable where large quantities of fluid are to be sprayed. Fluid is kept under constant, accurate control, assuring uniform high-quality finishes. All tanks constructed in accordance with A.S.M.E. Code and carry certification plate; also carry factory mutual approval.

See page 30 and the pages following for accessories and specifications

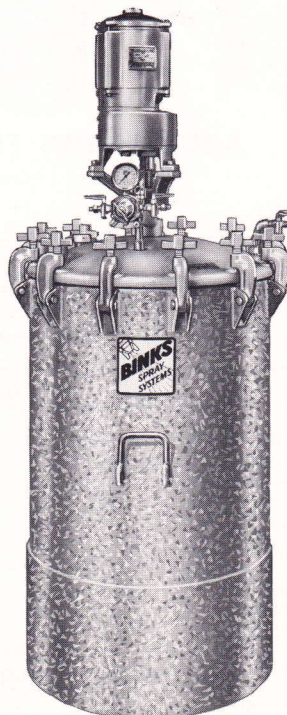
- **Tank shells**, seamless drawn steel, galvanized inside and outside.
- **Tank heads**, pressed steel, cadmium plated.
- **Steel band** welded to bottom assures solid support.
- **"C" type clamps** on tank shell. Loosen to remove tank head.
- **Tank bottoms concave**, easy to clean.
- **Maximum working pressure 110 lbs.**



15-Gallon pressure fluid tank
with top outlet and hand agitator



30-Gallon pressure fluid tank
with top outlet and air motor agitator



60-Gallon pressure fluid tank
with top outlet and electric motor agitator

PRESSURE FLUID TANK SPECIFICATIONS AND ACCESSORIES

BINKS 5 GALLON TANKS

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5400	None	17	26	PR-102	0	1 top	80
D5401	"	"	"	PR-103	1	"	80
D5402	"	"	"	PR-104	2	"	85
D5403	Hand	17	26	PR-102	0	1 top	85
D5404	"	"	"	PR-103	1	"	85
D5405	"	"	"	PR-104	2	"	90
D5406	Air Motor	17	27	PR-102	0	1 top	105
D5407	"	"	"	PR-103	1	"	"
D5408	"	"	"	PR-104	2	"	"
Tanks for heavy viscosity fluids. Shell galvanized. Follower plate furnished. 1" bottom outlet.							
D5460	None	17	30	PR-102	0	1 bottom	85
D5461	"	"	"	PR-103	1	"	85
D5462	"	"	"	PR-104	2	"	90

ACCESSORIES

Model No.	ITEM	Shpg. Wgt. Lbs.	Model No.	ITEM	Shpg. Wgt. Lbs.
D1546	Galvanized inner container, no cover.....	12	PR-102	Air control unit, no regulator.....	2
D1485	Galvanized cover.....	2	PR-103	Air control unit, 1 regulator.....	3
D1852	1/4" double air outlet.....	1	PR-104	Air control unit, 2 regulators.....	5
D1848	3/8" double fluid outlet.....	1	D1915	Regulator & gauge to change PR-103 unit to PR-104.....	2
D1909	Complete agitator assembly, less drive.....	10		Extra for 2 air outlets when ordered with tank.	
31-116	Air motor agitator drive unit.....	20		Extra for 2 fluid outlets when ordered with tank	
D1187	Hand crank.....	3	D1846	Fluid strainer.....	1
D1714	Caster base.....	15			

BINKS 10 GALLON TANKS

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5300	None	18	31	PR-102	0	1 top	110
D5301	"	"	"	PR-103	1	"	"
D5302	"	"	"	PR-104	2	"	"
D5303	Hand	18	31	PR-102	0	1 top	110
D5304	"	"	"	PR-103	1	"	"
D5305	"	"	"	PR-104	2	"	"
D5306	Air Motor	18	32	PR-102	0	1 top	120
D5307	"	"	"	PR-103	1	"	120
D5308	"	"	"	PR-104	2	"	125
Tanks for ceramic or latex type fluids. Heads hot tin dipped. All inside fittings, tubes, agitator paddles, etc., stainless steel. Stopcocks stainless steel. Shells galvanized. Stainless steel inner container D-1617 must be used.							
D5372	None	18	31	PR-102	0	1 top	110
D5373	"	"	"	PR-103	1	"	"
D5374	"	"	"	PR-104	2	"	"
D5375	Hand	18	31	PR-102	0	1 top	110
D5376	"	"	"	PR-103	1	"	"
D5377	"	"	"	PR-104	2	"	"
D5378	Air Motor	18	32	PR-102	0	1 top	120
D5379	"	"	"	PR-103	1	"	120
D5380	"	"	"	PR-104	2	"	125



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PRESSURE FLUID TANK SPECIFICATIONS AND ACCESSORIES

BINKS 10 GALLON TANKS (Cont'd)

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
<i>Tanks for heavy viscosity fluids. Shell galvanized. Follower plate furnished. 1" bottom outlet.</i>							
D5360	None	18	35	PR-102	0	1 bottom	95
D5361	"	"	"	PR-103	1	"	95
D5362	"	"	"	PR-104	2	"	100

ACCESSORIES

Model No.	ITEM	Shpg. Wgt. Lbs.	Model No.	ITEM	Shpg. Wgt. Lbs.
D1618	Galvanized inner container, no cover.....	15	PR-102	Air control unit, no regulator.....	2
D1623	Galvanized cover.....	2	PR-103	Air control unit, 1 regulator.....	3
D1617	Stainless steel inner container, no cover.....	15	PR-104	Air control unit, 2 regulators.....	5
D1998	S. S. cover.....	2	D1915	Regulator and gauge to change PR-103 unit into PR-104.....	2
D1852	1/4" double air outlet.....	1	D1846	Extra for 2 air outlets when ordered with tank. Extra for 2 fluid outlets when ordered with tank. Fluid strainer.....	1
D1848	3/8" double fluid outlet for standard tanks.....	1			
D1911	Complete agitator assembly less drive for standard tanks.....	10			
31-116	Air motor agitator drive unit.....	20			
D1187	Hand crank.....	3			
D1715	Caster base.....	20			

BINKS 15 GALLON TANKS

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5200	None	18	41	PR-102	0	1 top	110
D5201	"	"	"	PR-103	1	"	110
D5202	"	"	"	PR-104	2	"	115
D5203	Hand	18	41	PR-102	0	1 top	115
D5204	"	"	"	PR-103	1	"	115
D5205	"	"	"	PR-104	2	"	120
D5206	Air Motor	18	42	PR-102	0	1 top	140
D5207	"	"	"	PR-103	1	"	140
D5208	"	"	"	PR-104	2	"	145
Tanks for heavy viscosity fluids. Shell galvanized. Follower plate furnished. 1" bottom outlet.							
D5260	None	18	45	PR-102	0	1 bottom	115
D5261	"	"	"	PR-103	1	"	115
D5262	"	"	"	PR-104	2	"	120

ACCESSORIES

Model No.	ITEM	Shpg. Wgt. Lbs.	Model No.	ITEM	Shpg. Wgt. Lbs.
D1559	Galvanized inner container, no cover.....	20	PR-102	Air control unit, no regulator.....	2
D1623	Galvanized cover.....	2	PR-103	Air control unit, 1 regulator.....	3
D1852	1/4" double air outlet.....	1	PR-104	Air control unit, 2 regulators.....	5
D1848	3/8" double fluid outlet.....	1	D1915	Regulator and gauge to change PR-103 unit into PR-104.....	2
D1913	Complete hand agitator assembly, less drive.....	10	D1846	Extra for 2 air outlets when ordered with tank. Extra for 2 fluid outlets when ordered with tank. Fluid strainer.....	1
31-116	Air motor agitator drive unit.....	20			
D1187	Hand crank.....	3			
D1715	Caster base.....	20			

BINKS 30 GALLON TANKS

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5800	None	26	46	PR-102	0	2 top	240
D5812	"	"	"	PR-102	0	2 bottom	"
D5801	"	"	"	PR-103	1	2 top	"

PRESSURE FLUID TANK SPECIFICATIONS AND ACCESSORIES

BINKS 30 GALLON TANKS (Cont'd)

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5813	"	"	"	PR-103	1	2 bottom	"
D5802	"	"	"	PR-104	2	2 top	"
D5814	"	"	"	PR-104	2	2 bottom	"
D5803	Hand	26	46	PR-102	0	2 top	240
D5815	"	"	"	PR-102	0	2 bottom	"
D5804	"	"	"	PR-103	1	2 top	"
D5816	"	"	"	PR-103	1	2 bottom	"
D5805	"	"	"	PR-104	2	2 top	"
D5817	"	"	"	PR-104	2	2 bottom	"
D5806	Air Motor	26	47	PR-102	0	2 top	250
D5818	"	"	"	PR-102	0	2 bottom	"
D5807	"	"	"	PR-103	1	2 top	"
D5819	"	"	"	PR-103	1	2 bottom	"
D5808	"	"	"	PR-104	2	2 top	255
D5820	"	"	"	PR-104	2	2 bottom	255
D5809	Electric Motor	26	49	PR-102	0	2 top	300
D5821	"	"	"	PR-102	0	2 bottom	"
D5810	"	"	"	PR-103	1	2 top	"
D5822	"	"	"	PR-103	1	2 bottom	"
D5811	"	"	"	PR-104	2	2 top	305
D5823	"	"	"	PR-104	2	2 bottom	305
Tanks for ceramic or latex type fluids. Heads hot tin dipped. All inside fittings, tubes, agitator paddles, etc., stainless steel. Stopcocks stainless steel. Shells galvanized. Stainless steel inner container D-2230 must be used.							
D5872	None	26	46	PR-102	0	2 top	240
D5884	"	"	"	PR-102	0	2 bottom	"
D5873	"	"	"	PR-103	1	2 top	"
D5885	"	"	"	PR-103	1	2 bottom	"
D5874	"	"	"	PR-104	2	2 top	"
D5886	"	"	"	PR-104	2	2 bottom	"
D5875	Hand	26	46	PR-102	0	2 top	240
D5887	"	"	"	PR-102	0	2 bottom	"
D5876	"	"	"	PR-103	1	2 top	"
D5888	"	"	"	PR-103	1	2 bottom	"
D5877	"	"	"	PR-104	2	2 top	"
D5889	"	"	"	PR-104	2	2 bottom	"
D5878	Air Motor	26	47	PR-102	0	2 top	250
D5890	"	"	"	PR-102	0	2 bottom	"
D5879	"	"	"	PR-103	1	2 top	"
D5891	"	"	"	PR-103	1	2 bottom	"
D5880	"	"	"	PR-104	2	2 top	255
D5892	"	"	"	PR-104	2	2 bottom	255
D5881	Electric Motor	26	49	PR-102	0	2 top	300
D5893	"	"	"	PR-102	0	2 bottom	"
D5882	"	"	"	PR-103	1	2 top	"
D5894	"	"	"	PR-103	1	2 bottom	"
D5883	"	"	"	PR-104	2	2 top	305
D5895	"	"	"	PR-104	2	2 bottom	305
Tanks for heavy viscosity fluids. Shell galvanized. Follower plate furnished. 1" bottom outlet.							
D5860	None	26	46	PR-102	0	1 bottom	240
D5861	"	"	"	PR-103	1	"	240
D5862	"	"	"	PR-104	2	"	245

ACCESSORIES

Model No.	ITEM	Shpg. Wgt. Lbs.	Model No.	ITEM	Shpg. Wgt. Lbs.
D1570	Galvanized inner container, no cover.....	25	D1187	Hand crank.....	3
D1574	Galvanized cover.....	5	31-116	Air motor agitator drive unit.....	20
D2227	Stainless steel inner container including necessary bottom outlet piping and shutoff cocks. No cover. For ceramic tanks.....	25	31-119	Electric motor agitator drive unit.....	75
D2230	Stainless steel inner container including necessary bottom outlet piping and aluminum shutoff cocks. No cover. For latex tanks.....	25	PR-102	Air control unit, no regulator.....	2
D1852	1/4" double air outlet.....	1	PR-103	Air control unit, 1 regulator.....	3
D1716	Caster base.....	25	PR-104	Air control unit, 2 regulators.....	5
			D1915	Regulator and gauge to change PR-103 unit to PR-104.....	2
			D1846	Fluid strainer.....	1



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PRESSURE FLUID TANK SPECIFICATIONS AND ACCESSORIES

BINKS 60 GALLON TANKS

TANK MODEL NUMBER	TYPE OF AGITATION	OVERALL TANK DIMENSIONS INCHES		AIR CONTROL		NUMBER OF FLUID OUTLETS	SHPG. WT. LBS.
		Width	Height	Model Number	No. of Regulators		
Tanks for paint, lacquer, enamel, etc. Shell galvanized.							
D5700	None	30	50	PR-102	0	2 top	335
D5712	"	"	"	PR-102	0	2 bottom	"
D5701	"	"	"	PR-103	1	2 top	"
D5713	"	"	"	PR-103	1	2 bottom	"
D5702	"	"	"	PR-104	2	2 top	340
D5714	"	"	"	PR-104	2	2 bottom	340
D5703	Hand	30	50	PR-102	0	2 top	345
D5715	"	"	"	PR-102	0	2 bottom	"
D5704	"	"	"	PR-103	1	2 top	"
D5716	"	"	"	PR-103	1	2 bottom	"
D5705	"	"	"	PR-104	2	2 top	350
D5717	"	"	"	PR-104	2	2 bottom	350
D5706	Air Motor	30	51	PR-102	0	2 top	370
D5718	" "	"	"	PR-102	0	2 bottom	"
D5707	" "	"	"	PR-103	1	2 top	"
D5719	" "	"	"	PR-103	1	2 bottom	"
D5708	" "	"	"	PR-104	2	2 top	375
D5720	" "	"	"	PR-104	2	2 bottom	375
D5709	Electric Motor	30	54	PR-102	0	2 top	420
D5721	" "	"	"	PR-102	0	2 bottom	"
D5710	" "	"	"	PR-103	1	2 top	"
D5722	" "	"	"	PR-103	1	2 bottom	"
D5711	" "	"	"	PR-104	2	2 top	425
D5723	" "	"	"	PR-104	2	2 bottom	425
Tanks for ceramic or latex type fluids. Heads hot tin dipped. All inside fittings, tubes, agitator paddles, etc., stainless steel. Stopcocks stainless steel. Shells galvanized. Stainless steel inner container D-2226 must be used.							
D5772	None	30	50	PR-102	0	2 top	335
D5784	"	"	"	PR-102	0	2 bottom	"
D5773	"	"	"	PR-103	1	2 top	"
D5785	"	"	"	PR-103	1	2 bottom	"
D5774	"	"	"	PR-104	2	2 top	340
D5786	"	"	"	PR-104	2	2 bottom	340
D5775	Hand	30	50	PR-102	0	2 top	345
D5787	"	"	"	PR-102	0	2 bottom	"
D5776	"	"	"	PR-103	1	2 top	"
D5788	"	"	"	PR-103	1	2 bottom	"
D5777	"	"	"	PR-104	2	2 top	350
D5789	"	"	"	PR-104	2	2 bottom	350
D5778	Air Motor	30	51	PR-102	0	2 top	370
D5790	" "	"	"	PR-102	0	2 bottom	"
D5779	" "	"	"	PR-103	1	2 top	"
D5791	" "	"	"	PR-103	1	2 bottom	"
D5780	" "	"	"	PR-104	2	2 top	375
D5792	" "	"	"	PR-104	2	2 bottom	375
D5781	Electric Motor	30	54	PR-102	0	2 top	420
D5793	" "	"	"	PR-102	0	2 bottom	"
D5782	" "	"	"	PR-103	1	2 top	"
D5794	" "	"	"	PR-103	1	2 bottom	"
D5783	" "	"	"	PR-104	2	2 top	425
D5795	" "	"	"	PR-104	2	2 bottom	425
Tanks for heavy viscosity fluids. Shell galvanized. Follower plate furnished. 1" bottom outlet.							
D5760	None	30	50	PR-102	0	1 bottom	335
D5761	"	"	"	PR-103	1	"	335
D5762	"	"	"	PR-104	2	"	340

ACCESSORIES

Model No.	ITEM	Shpg. Wgt. Lbs.	Model No.	ITEM	Shpg. Wgt. Lbs.
D1582	Galvanized inner container, no cover.....	40	D1187	Hand crank.....	3
D1584	Galvanized cover.....	8	31-116	Air motor agitator drive unit.....	20
D2226	Stainless steel inner container including necessary bottom outlet piping and shutoff cocks. No cover. For ceramic tanks.....	40	31-119	Electric motor agitator drive unit.....	75
D2229	Stainless steel inner container including necessary bottom outlet piping and aluminum shutoff cocks. No cover. For latex tanks.....	40	PR-102	Air control unit, no regulator.....	2
D1852	1/4" double air outlet.....	1	PR-103	Air control unit, 1 regulator.....	3
D2185	Caster base.....	50	PR-104	Air control unit, 2 regulators.....	5
			D1915	Regulator and gauge to change PR-103 unit to PR-104.....	2
			D1846	Fluid strainer.....	1

Specifications On Sizes Up To 250 Gallons Available On Request.

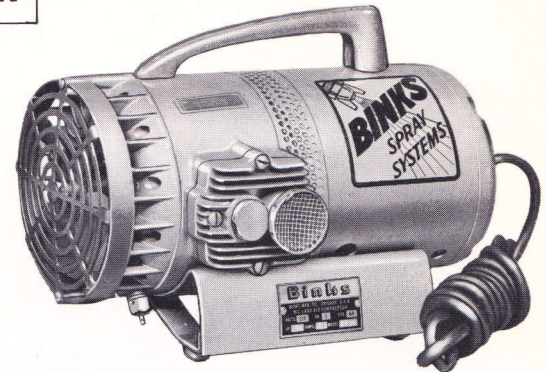
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SPRAY PAINTING OUTFITS

BINKS CP PORTABLE COMPRESSORS OUTFIT

- These new compressors present an array of features for better performance and lower operating cost which make them completely outstanding.
- These units use no oil! Costly oil extractors in air lines are not needed—no lubrication required. These compressors can be used with full confidence that equipment will not be fouled or work spoiled by oil or oil vapors.
- The CP outfits are particularly handy for maintenance work in large buildings or for hobby use in the home.



Model 34-1001 — 1/4 H.P. Compressor.
Shpg. Wt. 33 lbs.

Model 34-1011 — 1/3 H.P. Compressor.
Shpg. Wt. 42 lbs.

Model 34-1021 — 3/4 H.P. Compressor.
Shpg. Wt. 48 lbs.

CP OUTFIT COMBINATIONS



S-660 PAINTING UNIT

Model 8 gun with quart cup—(J4xR3).
15' H-101 air hose with SC-312 connection one end and SC-315 other end.

Shpg. Wt. 7 lbs.



S-664 PAINTING UNIT

Model 29 gun, (66xR).
81-500 siphon cup.
15' length H-101 air hose with SC-312 connections.

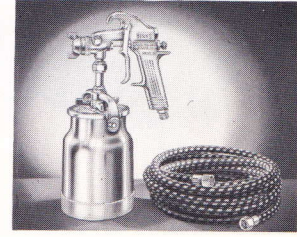
Shpg. Wt. 7 lbs.



S-665 PAINTING UNIT

Model 29 gun (51xR3).
80-215 quart pressure cup.
15' H-101 air hose with SC-312 connections.

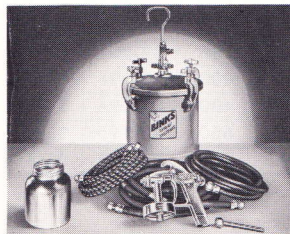
Shpg. Wt. 8 lbs.



S-663 PAINTING UNIT

Model 26 gun (78x78SD).
81-500 quart siphon cup.
15' H-101 air hose with SC-312 connections.

Shpg. Wt. 6 lbs.



P-670 PAINTING UNIT

Model 8 gun (J4xR3).
D-5660 two gal. pressure tank less regulator and gauge.
15' H-101 air hose with SC-312 connection one end & SC-315 other end.
15' H-105 air hose with SC-317 connections.
15' H-206 fluid hose with SC-306 connections.

Shpg. Wt. 28 lbs.



P-676 PAINTING UNIT

Model 29 gun (66xR).
D-5661 two gal. pressure tank with regulator and D-1355 gauge.
15' H-101 air hose with SC-312 connections.
15' H-105 air hose with SC-317 connections.
15' H-206 fluid hose with SC-306 connections.

Shpg. Wt. 28 lbs.



P-677 PAINTING UNIT

Model 29 gun (51xR3).
D-5660 two-gal. pressure tank less regulator and gauge.
15' H-101 air hose with SC-312 connections.
15' H-105 air hose with SC-317 connections.
15' H-206 fluid hose with SC-306 connections.

Shpg. Wt. 28 lbs.



P-673 PAINTING UNIT

Model 26 gun (78x78SD).
D-5661 two gal. pressure tank with regulator and D-1355 gauge.
15' H-101 air hose with SC-312 connections.
15' H-105 air hose with SC-317 connections.
15' H-206 fluid hose with SC-306 connections.

Shpg. Wt. 28 lbs.

For Complete Line Of Compressors Ask For Binks Compressor Catalog.

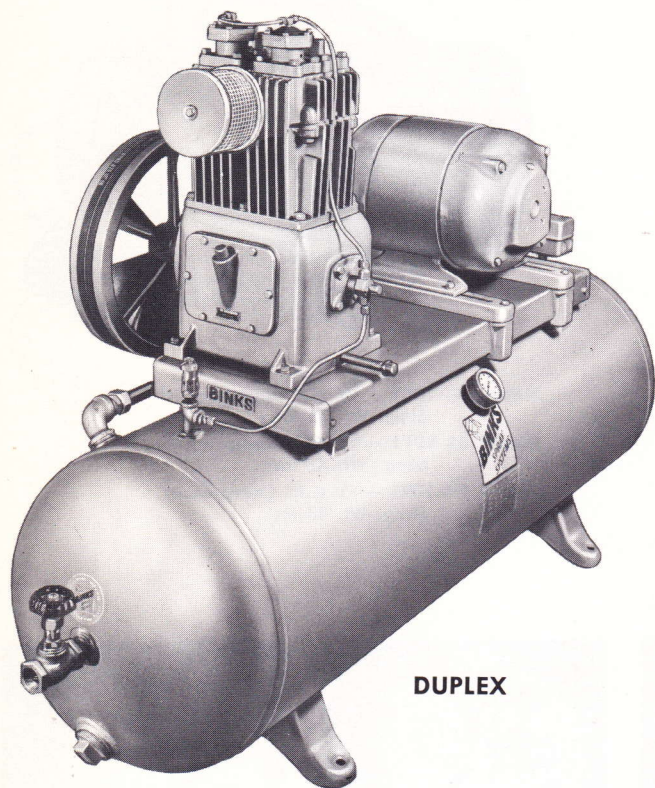


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BINKS TANK MOUNTED COMPRESSOR UNITS



DUPLEX

SINGLE STAGE MODELS

TYPE—Models described in specification table below are single stage two-cylinder and single stage single-cylinder automatic compressor units.

FINISH—Entire compressor unit finished in blue-green metalescent enamel.

TANK—A.S.M.E. specs. Approved by National Board. Designed for 125 lbs. working pressure.

PATENTED UNLOADER—Completely unloads compressor whenever it stops and withholds load from compressor until motor has attained full speed on restart. Eliminates troublesome check valve.

LUBRICATION—Constant oil level type. Pressure lubrication on larger models.

FEATURES—Timken main bearings, lynite connecting rods, automotive type pistons, non-breakable steel valves, totally enclosed dust-proof crankcase, combination intake filter and muffler.

MOTOR—Standard make high quality motor.

OPTIONAL EQUIPMENT—For belt guard to meet safety regulations, and other accessory equipment, see current compressor catalog.

STANDARD EQUIPMENT—Pressure gauge, safety valve, tank drain, shut-off valve and pressure switch.

* Motor protective switch furnished on units 2 H.P. and above.

* Except Pacific Coast Territory and Canada

SPECIFICATIONS Single Cylinder

MODEL No.	MOTOR H.P.	SIZE	C.F.M. DISP.	ACT. DEL'Y C.F.M.	R.P.M.	PRESS. RANGE	TANK SIZE		DIMENSIONS—INCHES			APPROX. SHPG. WEIGHT LBS.	BELT GUARD No.	BARE COMP. No.
							INCHES	GAL.	L	W	H			
33-1000	1/3	2 x 1 3/4	1.8	1.2	570	40- 55	8x22	5	24	14	21	150	33-201	33-500
33-1001	1/3	2 x 1 3/4	1.8	1.2	570	40- 55	8x22	5	24	14	21	150	33-201	33-500
33-1002	1/3	2 x 1 3/4	1.8	1.2	570	80-100	8x22	5	24	14	21	150	33-201	33-500
33-1005	1/2	2 1/2 x 2 1/2	3.5	2.1	500	80-100	16x38	35	41	18	41	400	33-194	33-511
33-1010	3/4	2 1/2 x 2 1/2	4.7	2.8	670	80-100	16x38	35	41	18	41	400	33-194	33-511
33-1015	1	3 x 2 1/2	6.4	4.1	630	80-100	20x48	60	53	21	45	650	33-195	33-516
33-1020	1 1/2	3 x 2 1/2	9.0	5.8	880	80-100	20x48	60	53	21	45	650	33-195	33-516

†Includes Regulator and Gauge.

Two Cylinder

33-1021	1 1/2	2 1/2 x 2 1/2	10.0	6.0	695	80-100	20x48	60	53	21	45	650	33-195	33-521
33-1025	2	3 x 2 1/2	12.0	7.4	580	80-100	20x48	60	53	21	45	700	33-195	33-526
33-1030	3	3 1/2 x 3	23.0	14.0	700	80-100	20x63	80	68	23	49	925	33-196	33-536
33-1031	3	3 x 2 1/2	18.5	11.6	890	80-100	20x48	60	53	21	45	700	33-195	33-526
33-1035	5	3 1/2 x 3	30.0	18.5	895	80-100	20x63	80	68	23	49	950	33-196	33-536
33-1042	7 1/2	4 1/2 x 3 1/2	55.0	31.0	860	80-100	20x63	80	68	23	54	1300	33-197	33-547

BINKS TANK MOUNTED COMPRESSOR UNITS

TWO STAGE MODELS

TYPE—Models described in specifications below are two-stage automatic compressor units designed for use where higher pressures are required.

FINISH—Entire compressor unit finished in blue-green metalescent enamel.

TANK—A.S.M.E. specs. Approved by National Board. Designed for 200 lbs. working pressure.

PATENTED UNLOADER — Completely unloads compressor whenever it stops and withholds load from compressor until motor has attained full speed on restart. Eliminates troublesome check valve.

LUBRICATION—Constant oil level type. Pressure lubrication on larger models.

FEATURES—Timken main bearings, lynite connecting rods, automotive type pistons, non-breakable steel valves, totally enclosed dust-proof crankcase, combination intake filter and muffler.

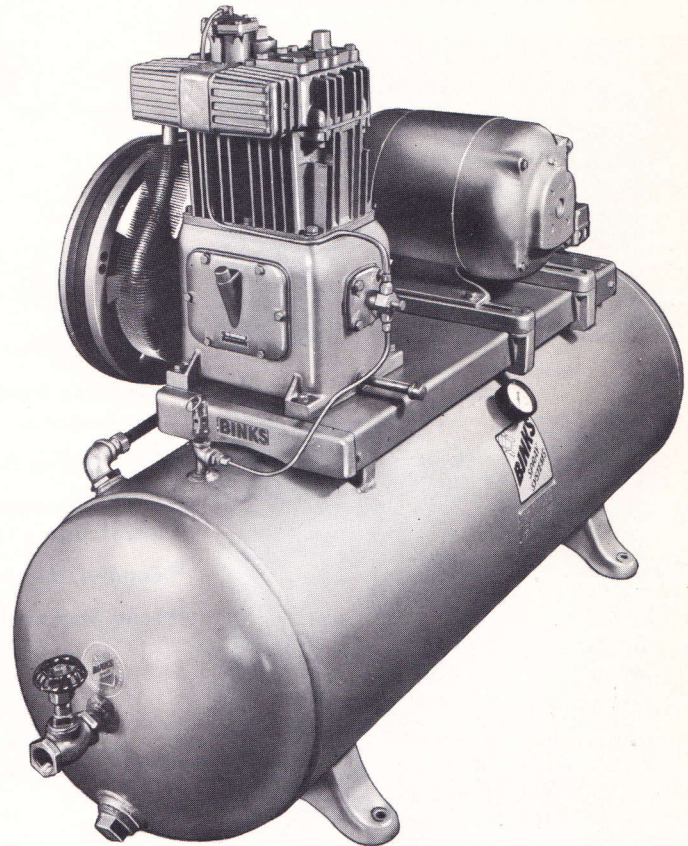
MOTOR—Standard make high quality motor.

OPTIONAL EQUIPMENT—For belt guard to meet safety regulations, and other accessory equipment, see current compressor catalog.

STANDARD EQUIPMENT—Pressure gauge, safety valve, tank drain, shut-off valve and pressure switch.

* Motor protective switch furnished on units 2 H.P. and above.

* Except Pacific Coast Territory and Canada.



Tank Mounted SPECIFICATIONS

MODEL No.	MOTOR H.P.	SIZE	C.F.M. DISP.	ACT. DEL'Y C.F.M.	R.P.M.	PRESSURE RANGE LBS.	TANK SIZE		DIMENSIONS—INCHES			APPROX. SHPG. WEIGHT LBS.	BELT GUARD No.	BARE COMP. No.
							INCHES	GAL.	L	W	H			
33-1011	¾	3x1 ¾x2 ½	4.6	3.2	450	140-175	20x48	60	53	21	45	675	33-195	33-556
33-1016	1	3x1 ¾x2 ½	5.8	4.0	565	140-175	20x48	60	53	21	45	675	33-195	33-556
33-1022	1 ½	3 ½x2x2 ½	7.3	5.2	520	140-175	20x48	60	53	21	45	690	33-195	33-566
33-1026	2	3 ½x2x2 ½	9.5	7.0	680	140-175	20x48	60	53	21	45	700	33-195	33-566
33-1032	3	4 ½x2 ½x3	15.6	11.0	565	140-175	20x63	80	68	23	49	940	33-196	33-576
33-1036	5	4 ½x2 ½x3	25.0	18.3	900	140-175	20x63	80	68	23	49	975	33-196	33-576
33-1041	7 ½	5 ¼x3x3 ½	34.4	26.0	785	140-175	20x63	80	68	24	54	1260	33-197	33-586
33-1047	10	6x3 ¼x3 ½	49.0	39.2	860	140-175	24x72	120	75	29	58	1500	33-286	33-587
33-1051	15	7 ½x4x4	78	60.8	760	140-175	24x72	120	75	30	64	1600	33-275	33-596



Binks Manufacturing Company

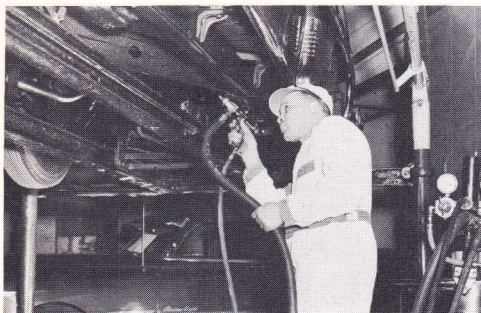
3114-44 CARROLL AVE., CHICAGO 12 • BRANCHES IN ALL PRINCIPAL CITIES

Catalog Page

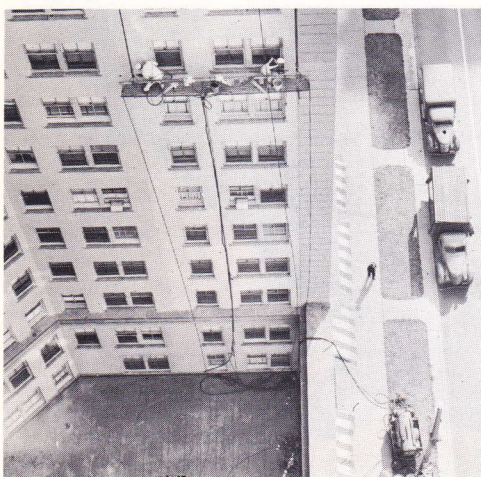
39

FLUID HANDLING PUMPS

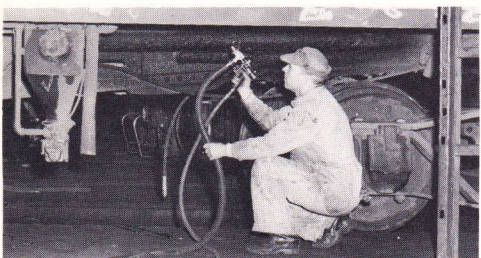
TYPICAL INSTALLATIONS



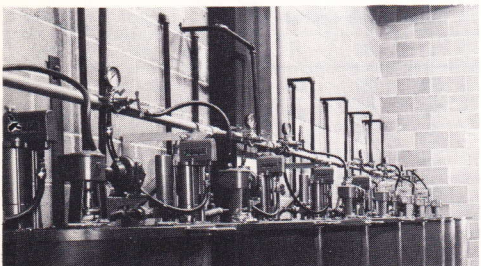
Underbody Coating



Contractors



Railroad and Industrial Maintenance



Circulating Systems

A COMPLETE LINE OF AIR OPERATED FLUID HANDLING PUMPS

FOR

HEAVY INDUSTRY LIGHT INDUSTRY CONTRACTORS

- Available from a single pump to large installations to meet your requirements.
- For handling fluids from the thinnest to the heaviest.
- Pumps designed on sound engineering principles based on knowledge gained by years of experience.
- Rugged, dependable.
- Long Stroke = Long Life.

TYPICAL APPLICATIONS

Calking—Sealers.
Production Line Finishing.
Corrosion Prevention.
House and Building Painting.
Maintenance Painting.
Roofing (cold process).
Waterproofing.
Glues—Adhesives.
Underbody Coating.
Railroad Cars and Bridges.
Railroad Right of Way Maintenance.
Sound and Thermal Insulation.
Liquid Buffing and Polishing.
Fluid Food Handling.
Paint Circulating Systems.

***Tell Us About Your Particular Fluid Handling
Problem. Send Samples For Testing To Attention
of Pump Division. No Obligation.***

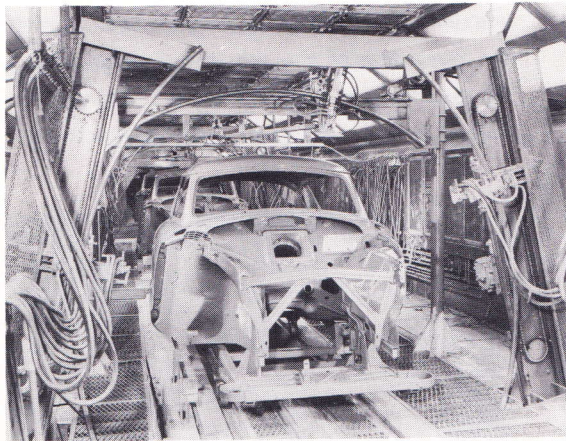
WRITE FOR

BINKS LATEST CURRENT PUMP CATALOG

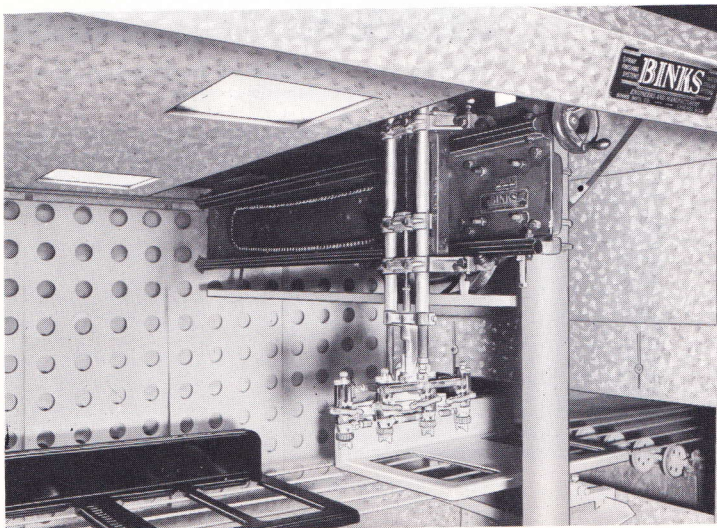
AUTOMATIC RECIPROCATING MACHINES

BINKS AUTOMATIC RECIPROCATING MACHINE

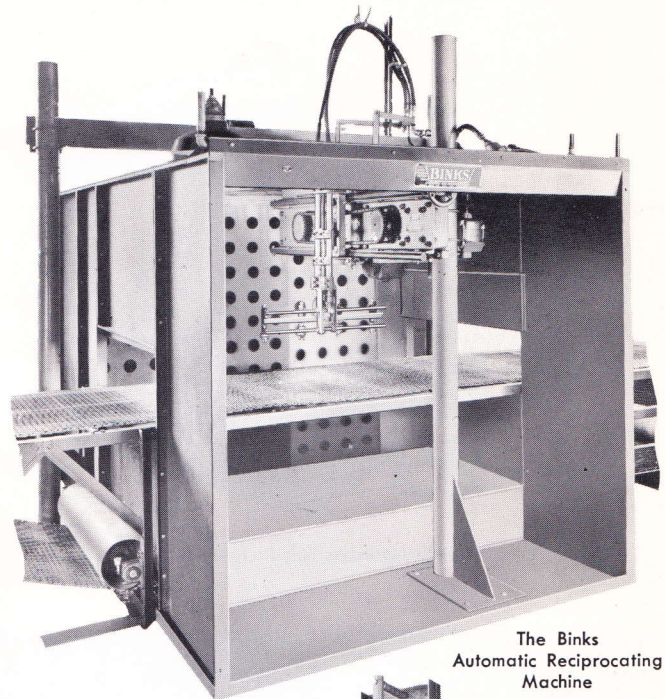
The Binks Automatic Reciprocating Machine is the finest of its kind for painting flat surfaces. This unit produces uniform finishes with practically any type of paint, vitreous enamel, dyes, etc. Binks Automatic Reciprocating Machines are standard production equipment in most of the larger porcelain, textile, building material and metal fabricating industries as well as most tanneries. Quotations on application.



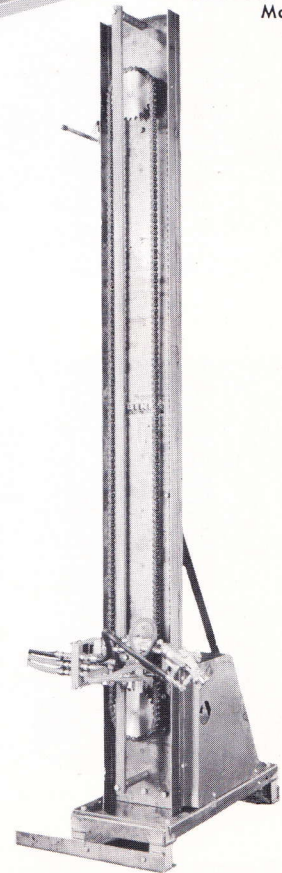
Special Automatic
Reciprocating Machine



Close-Up View of Automatic
Reciprocating Machine



The Binks
Automatic Reciprocating
Machine



Vertical
Reciprocating Machine

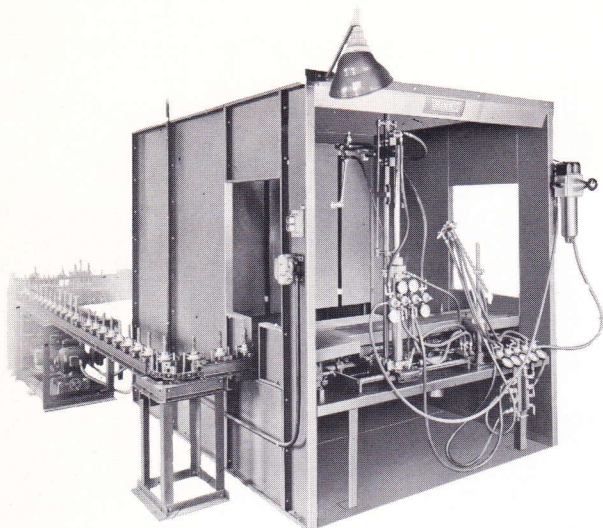


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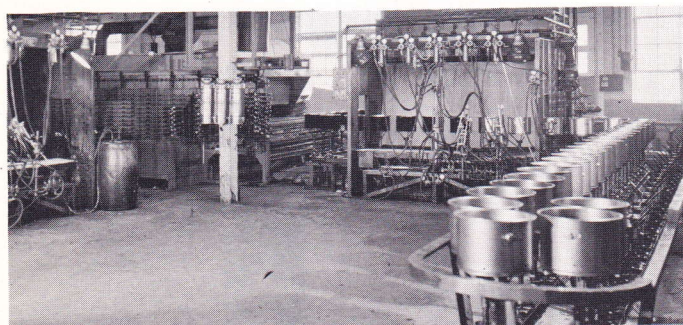
41

BINKS AUTOMATIC SPINDLE MACHINE

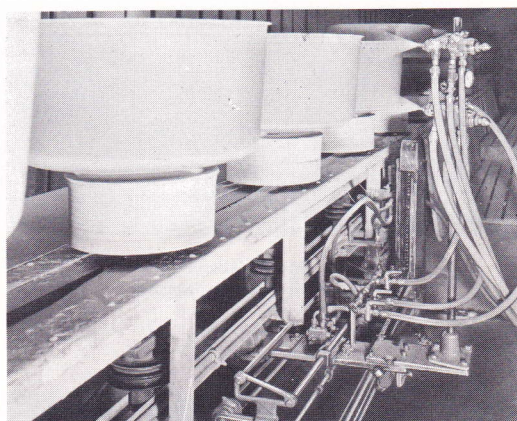


The Binks Automatic Spindle Machine

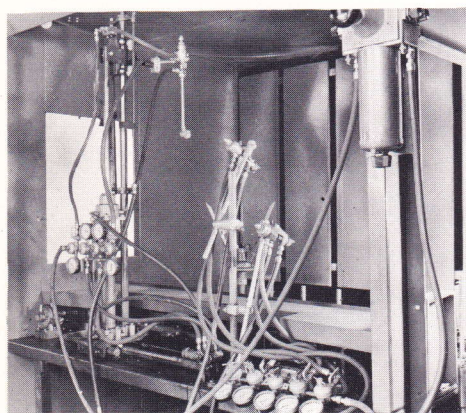
- The Binks Automatic Spindle Machine has proved to be the best automatic unit for fast, economical production painting of products that are generally cylindrical, spherical or disc shaped.
- One decided advantage of the Binks Automatic Machine is that it is designed to permit respacing of the work centers, thereby obtaining the most efficient operation as the size of the work changes.
- Another advantage of the Binks Automatic Machine is that every machine has a skip-spray to prevent spraying unloaded workholders, and that the operation of the skip-spray is not affected by respacing of the work centers. This feature is unique to Binks Automatic Spindle Machines.



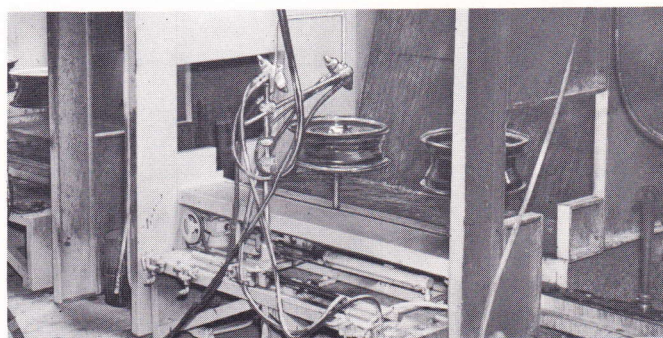
Automatic machine for spraying 5-gallon pails inside and outside



View showing special automatic equipment adapted to customer's conveyor



Spray equipment for exterior and interior cylindrical objects



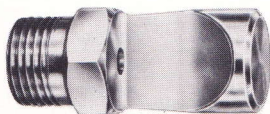
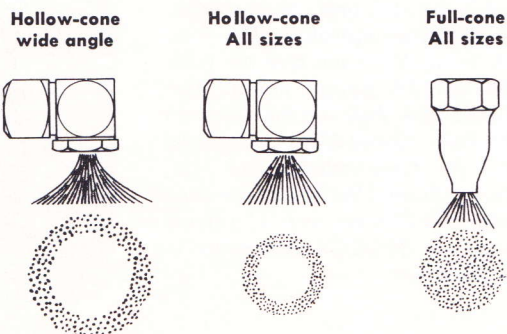
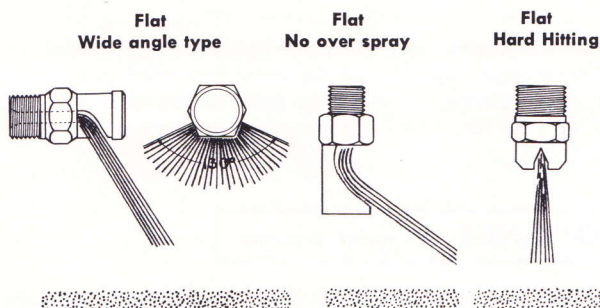
Automatic machine for spraying automobile wheels

Binks Manufacturing Company also designs and builds special attachments for automatic spraying on existing conveyors. For further information contact your nearest Binks Representative.

BINKS INDUSTRIAL NOZZLES AND COOLING TOWERS

BINKS INDUSTRIAL NOZZLES

Nozzles for every commercial need, including air and gas washing, chemical processes, brine refrigeration, metal cleaning, power washers and for all phases of Bonderizing spray applications.

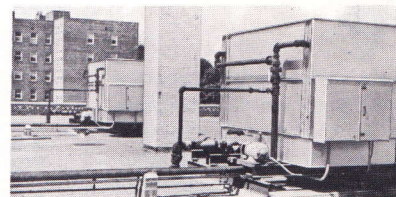
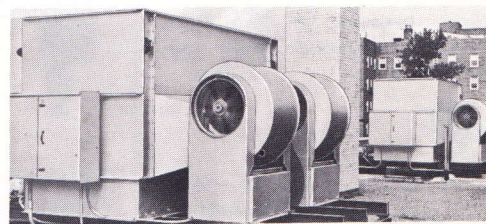
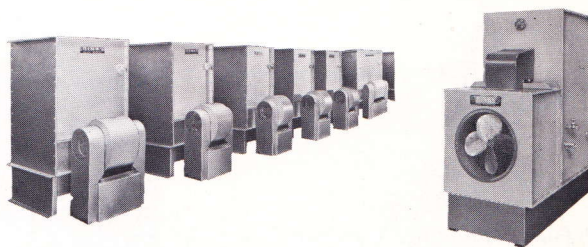
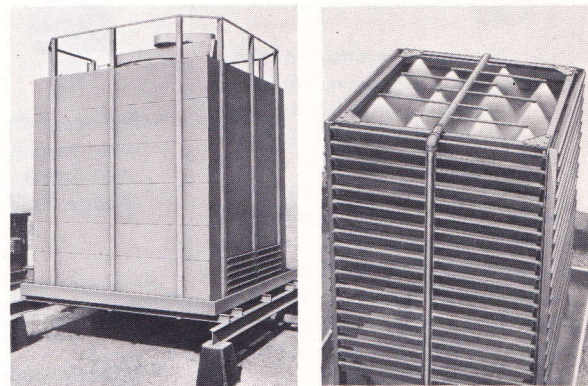


CATALOG 5900

Secure a copy of this fact-filled 40 page nozzle catalog. Provides complete technical data as to capacities, operating pressures and general spray characteristics for hundreds of applications in common use. The most complete publication of its kind anywhere.

BINKS COOLING TOWERS

One of the most complete selections in the entire Cooling Tower Industry.



Binks cooling towers incorporate the most advanced engineering principles and construction features. They include atmospheric, induced and forced draft cooling in a wide range of standard frame sizes for most every business and commercial application. More recently small mechanical draft towers have been developed for residence applications in connection with water cooled air conditioning compressors. WRITE FOR COOLING TOWER BULLETINS.



Binks Manufacturing Company

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Catalog Page

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CIRCULATING SYSTEM ACCESSORIES



Model 37-479
fluid filter
Shpg. Wt. 20 lbs.

- Removes foreign matter or solidified pigment particles. Mounted at mixing tank outlet point where fluid is filtered before it is circulated. Can be cleaned without stopping flow by one complete turn of filter handle. Stationary cleaner blades give positive combing action. Filter sump provided with flush-out opening. Cast iron head, welded steel sump, laminated steel cartridge. Pipe connections 1".



Model 83-1921
pulsation
elimination gauge
Shpg. Wt. 4 lbs.

- For use with 84-110 back pressure regulator. Constructed so that paint cannot enter gauge. Gauge calibrated to 160 lbs.

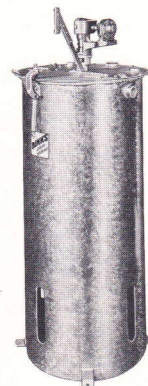


Model 41-701
pulsation chamber
Shpg. Wt. 14 lbs.

- Effectively takes the pulsation out of the paint line which is created by the action of pump as it reverses motion. Pipe connections 1".

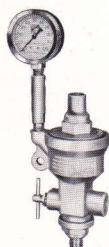
Binks MIXING TANKS for paint systems

- Where large quantities of paint are used Binks Mixing Tanks provide a safe efficient method for storage, mixing and distribution. They have stationary mixing baffles within the tank and either electric or air driven agitators. The tank lid is of 1/4" steel and the tank shell of 14 gauge metal. The dished tank shell is a full 17" from the floor. Connections out of and into the tank include: one 1 1/2" drain, three 1 1/2" overflow outlets, one 2" vent, two 1" returns and one 3/8" CO₂ connection in the cover.



Model 84-110
modulating valve
Shpg. Wt. 4 lbs.

- Fully automatic. Required in circulating systems to maintain and balance pressure in fluid lines. All metal construction. Pipe connections 1".



Model 84-103
fluid regulator
Shpg. Wt. 6 lbs.

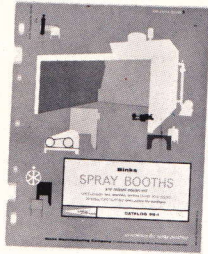
- Accurately controls fluid pressure to spray gun from circulating systems. Will not clog or strain out pigments. Maintains desired pressure. Equipped with removable key to set pressure of fluid at each spray gun station. Equipped with a by-pass to be used for blowing fluid back out of fluid hose at end of spraying period.
- Also available: Model 84-104 fluid regulator. For low viscosity fluids under low pressure. Principal use is with electrostatic machines.

CAPACITY GALLONS	TYPE FINISH	COMPLETE ASSEMBLIES		TANK ASSEMBLY LESS DRIVE	SHIPPING WT.		
		WITH AIR MOTOR DRIVE	WITH ELECTRIC MOTOR DRIVE		TANK ONLY	AIR DRIVE	ELECTRIC DRIVE
30 GAL. W/LEGS	GALV.	#43-6000	#43-6002	#43-5000	145 lbs.	160 lbs.	195 lbs.
	B.I. PAINTED	#43-6001	#43-6003	#43-5001			
30 GAL. W/SKIRT	GALV.	#43-6004	#43-6006	#43-5002	240 lbs.	255 lbs.	290 lbs.
	B.I. PAINTED	#43-6005	#43-6007	#43-5003			
60 GAL. W/LEGS	GALV.	#43-6100	#43-6102	#43-5100	350 lbs.	365 lbs.	400 lbs.
	B.I. PAINTED	#43-6101	#43-6103	#43-5101			
60 GAL. W/SKIRT	GALV.	#43-6104	#43-6106	#43-5102	390 lbs.	405 lbs.	440 lbs.
	B.I. PAINTED	#43-6105	#43-6107	#43-5103			
125 GAL. W/LEGS	GALV.	#43-6200	#43-6202	#43-5200	390 lbs.	405 lbs.	440 lbs.
	B.I. PAINTED	#43-6201	#43-6203	#43-5201			
125 GAL. W/SKIRT	GALV.	#43-6204	#43-6206	#43-5202	390 lbs.	405 lbs.	440 lbs.
	B.I. PAINTED	#43-6205	#43-6207	#43-5203			
150 GAL. W/LEGS	GALV.	#43-6300	#43-6302	#43-5300	390 lbs.	405 lbs.	440 lbs.
	B.I. PAINTED	#43-6301	#43-6303	#43-5301			
150 GAL. W/SKIRT	GALV.	#43-6304	#43-6306	#43-5302	390 lbs.	405 lbs.	440 lbs.
	B.I. PAINTED	#43-6305	#43-6307	#43-5303			

Engineering Services

Binks engineers are ready to assist in the design, development and installation of all types of spray finishing or coating equipment and systems. For complete information, contact your nearest Binks office or write direct to the home office in Chicago, Illinois.

Binks catalogs for your reference



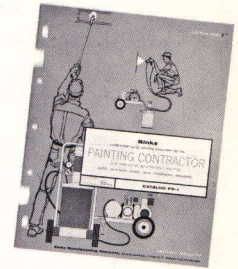
Spray Booths

Catalog SB-1 describes the complete line of spray booths, plus air supply and exhaust systems. Detailed explanations, schematic drawings and complete specifications for quick, easy reference.



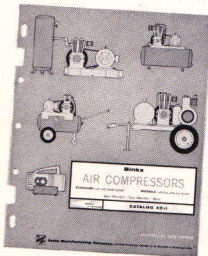
Material handling pumps

Binks air-operated material handling pumps supply paints, coatings and compounds right from the shipping drum or container to the spray gun. Eliminate waste. Ask for **Pump Bulletins** describing pumps for use with 5-gallon containers or 55-gallon drums. Also, pumps for standpipes and paint circulating systems.



Painting and Decorating

Catalog PD-1 describes the complete line of contractor and maintenance equipment, for both airless and conventional spray painting applications. Outfits available for all sizes and types of jobs.



Air Compressors

Bulletin AC-1. Binks offers a complete line of single- and two-stage compressors for every compressed air need. All are engineered for maximum free air delivery and economical operation.



Complete spray painting equipment line

Binks Bulletin 60J-R1 gives a cross section of Binks spray painting equipment line. Discusses air- and airless atomization and electro-static application methods.

Binks Manufacturing Company
3114 Carroll Avenue
Chicago, Illinois 60612

Binks Manufacturing Company of Canada, Ltd.
14 Vansco Road
Toronto 18, Ontario, Canada

Binks de Mexico S.A.
Avenida Amsterdam 288-C
Mexico City 11, D.F. Mexico

Binks International S.A.
81, Avenue Rene Comhaire
Brussels, Belgium

For local assistance, see your Binks jobber or call your nearest Binks branch office.

***Atlanta, Georgia 30318**
196 14th Street, N.W.
875-7261

Baltimore, Maryland 21218
2627 N. Charles Street
HO 7-6363

Boston, Massachusetts 02110
10 High Street
542-8437

Charlotte, North Carolina 28201
P. O. Box 1503
KE 7-3370

***Chicago, Illinois 60612**
3114 West Carroll Avenue
VA 6-4200

Cincinnati, Ohio 45212
2407 Robertson Avenue
631-0430

***Cleveland, Ohio 44134**
4901 Brookpark Road
749-0710

Columbus, Ohio 43215
81 East State Street
CA 1-8433

***Dallas, Texas 75247**
1414 Round Table Drive
ME 1-8606

Davenport, Iowa 52801
611 Kahl Building
323-7014

Denver, Colorado 80214
1357 Harlan Street
237-5581

***Detroit, Michigan 48237**
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543-2927

Grand Rapids, Michigan 49504
2120 Sibley, N.W.
453-5744

Houston, Texas 77006
4215 Graustark
522-5479

Indianapolis, Indiana 46220
6349 Guilford Avenue
CL 1-2718

Kansas City, Missouri 64108
1828 Walnut Street
GR 1-6966

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35-42 Forty-First Street
729-3900

***Los Angeles, California 90022**
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1923 67th Street
SH 4-2640

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1529 Madison
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***Milwaukee, Wisconsin 53213**
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781-6880

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CY 8-4736

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1448 Verna Street
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16461 West Dixie Highway
949-0601

Oklahoma City, Oklahoma 73120
3112 Chaucer
VI 3-6821

Omaha, Nebraska 68131
33 Kiewit Plaza, 3555 Farnam St.
342-0606

***Philadelphia, Pennsylvania 19140**
3525 North Ninth Street
BA 6-2122

***Pittsburgh, Pennsylvania 15234**
3601 Library Road
882-4550

Richmond, Virginia 23219
Ross Building, 8th and Main
649-3782

Rockville, Connecticut 06066
21 John Drive, R.F.D. #3
875-8906

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PR 6-2421

St. Paul, Minnesota 55104
1821 University Avenue
645-5885

***Salt Lake City, Utah 84102**
867 South 2nd East
328-9372

San Antonio, Texas 78209
1020 Townsend Avenue
826-1411

***South San Francisco, California 94080**
1459 San Mateo Avenue
589-8477

***Seattle, Washington 98134**
1749 1st Avenue South
623-1350

Syracuse, New York 13207
110 Rider Avenue
GR 6-3594

Tonawanda, New York 14152
1676 Niagara Falls Boulevard
TF 6-1300

Winston-Salem, North Carolina 27101
519 Nissen Building
722-1393

CANADA

***Montreal, Quebec, Canada**
240 Authier Street
RI 7-3521

***Toronto, Ontario, Canada**
14 Vansco Road
255-8524

***Vancouver, B.C., Canada**
1857 West 4th Avenue
738-4665

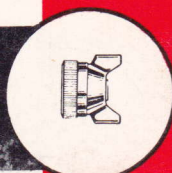
Winnipeg, Manitoba, Canada
435 Berry Street
TU 8-7010

*Indicates branches having warehouse facilities

**SPRAY GUNS
EXTENSIONS AND
ATTACHMENTS**



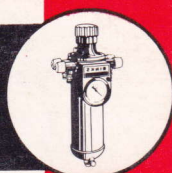
NOZZLE CHARTS



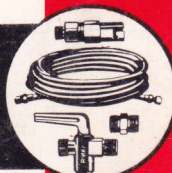
**CUPS—
PRESSURE AND
SIPHON**



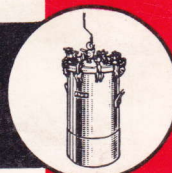
**OIL AND WATER
EXTRACTORS,
RESPIRATORS**



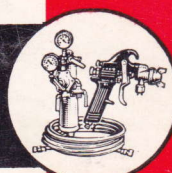
**HOSE, HOSE CONNECTIONS
ADAPTERS, COCKS,
NIPPLES AND VALVES**



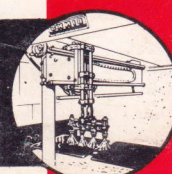
**AGITATOR UNITS,
PRESSURE FLUID TANKS
AND ACCESSORIES**



**SPRAY PAINTING OUTFITS
COMPRESSORS AND
FLUID HANDLING PUMPS**

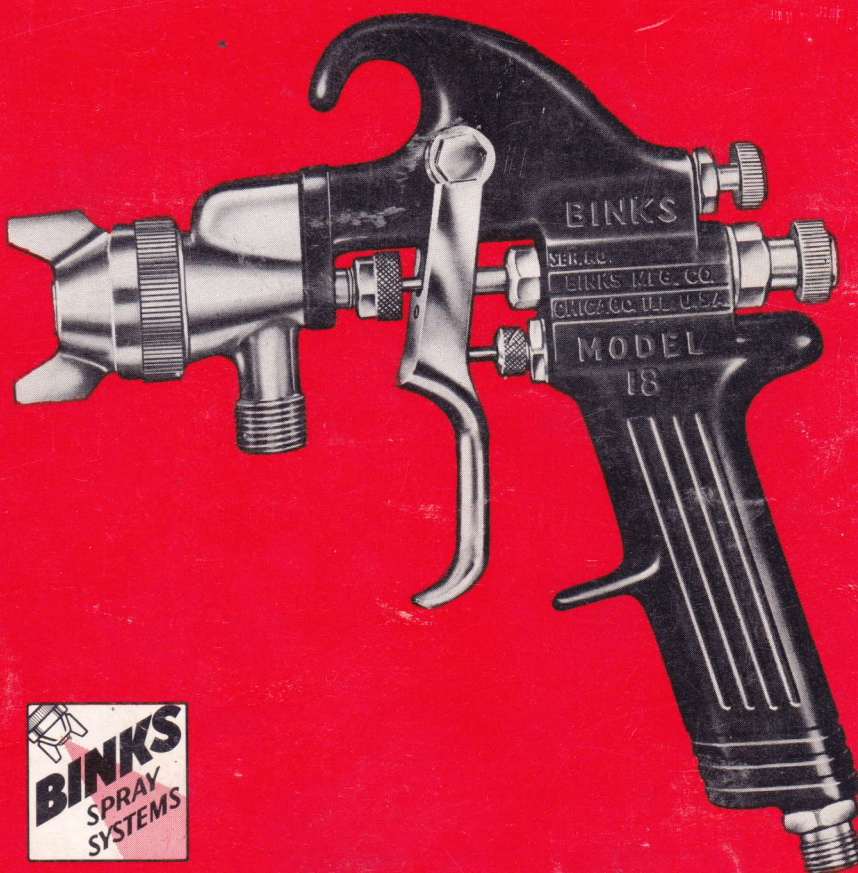


**AUTOMATIC SPINDLE AND
RECIPROCATING PAINTING
MACHINES, COOLING TOWERS
AND INDUSTRIAL NOZZLES**



Binks

*EVERYTHING FOR
SPRAY PAINTING*



Binks Manufacturing Co.

CATALOG NO.

CHICAGO, ILLINOIS 60612

956_A